ROMI®

ELECTRICAL DIAGRAMS

ROMI DCM 620 5X V3.0

PROJECT: **ROMI DCM**

CNC: **SIEMENS 840D SL**

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REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	ELECTRICAL DIAGRAMS				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 1	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	

- INDEX

SECTION	SHEET	APPLICATION	
		MACHINE	TYPE
ELECTRICAL DIAGRAMS	1	ROMI DCM 620-5X V3.0	X
INDEX	2	ROMI DCM 620-5X V3.0	X
INDEX	3	ROMI DCM 620-5X V3.0	X
INDEX	4	ROMI DCM 620-5X V3.0	X
INDEX	5	ROMI DCM 620-5X V3.0	X
SAFETY PRECAUTIONS	6	ROMI DCM 620-5X V3.0	X
CODIFICATION	7	ROMI DCM 620-5X V3.0	X
CODIFICATION	8	ROMI DCM 620-5X V3.0	X
MAIN POWER SUPPLY	9	ROMI DCM 620-5X V3.0	X
MAIN POWER SUPPLY	10	ROMI DCM 620-5X V3.0	X
POWER SUPPLY - 380VAC	11	ROMI DCM 620-5X V3.0	X
POWER SUPPLY - 220 VAC	12	ROMI DCM 620-5X V3.0	X
24VDC POWER SUPPLY	13	ROMI DCM 620-5X V3.0	X
24VDC POWER SUPPLY	14	ROMI DCM 620-5X V3.0	X
24VDC POWER SUPPLY	15	ROMI DCM 620-5X V3.0	X
EMERGENCY STOP LINE	16	ROMI DCM 620-5X V3.0	X
EMERGENCY STOP LINE	17	ROMI DCM 620-5X V3.0	X
EMERGENCY STOP LINE	18	ROMI DCM 620-5X V3.0	X
EMERGENCY STOP LINE	19	ROMI DCM 620-5X V3.0	X
OPERATOR`S DOOR	20	ROMI DCM 620-5X V3.0	X
OPERATOR`S DOOR	21	ROMI DCM 620-5X V3.0	X
OPERATOR`S DOOR	22	ROMI DCM 620-5X V3.0	X
OPERATOR`S DOOR	23	ROMI DCM 620-5X V3.0	X
OPERATOR`S DOOR	24	ROMI DCM 620-5X V3.0	X
OPERATOR`S DOOR	25	ROMI DCM 620-5X V3.0	X
MAINTENANCE DOOR MAGAZINE	26	ROMI DCM 620-5X V3.0	X
OPERATOR'S PANEL	27	ROMI DCM 620-5X V3.0	X
OPERATOR'S PANEL	28	ROMI DCM 620-5X V3.0	X
OPERATOR'S PANEL	29	ROMI DCM 620-5X V3.0	X
REMOTE OPERATOR PANEL	30	ROMI DCM 620-5X V3.0	X
REMOTE OPERATOR PANEL	31	ROMI DCM 620-5X V3.0	X
I/O MODULE	32	ROMI DCM 620-5X V3.0	X
I/O MODULE	33	ROMI DCM 620-5X V3.0	X
I/O MODULE	34	ROMI DCM 620-5X V3.0	X
I/O MODULE	35	ROMI DCM 620-5X V3.0	X
I/O MODULE	36	ROMI DCM 620-5X V3.0	X
CNC	37	ROMI DCM 620-5X V3.0	X
CNC	38	ROMI DCM 620-5X V3.0	X
CNC	39	ROMI DCM 620-5X V3.0	X
DRIVES POWER SUPPLY	40	ROMI DCM 620-5X V3.0	X

TYPE: X = STANDARD O = OPTIONAL V = VARIANT E = SPECIAL * = END OF EFFECTIVENESS

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DESCRIPTION: INDEX

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	
ROMI DCM	2		ROMI DCM 620-5X V3.0	N° U14186D

- INDEX

SECTION	SHEET	APPLICATION	
		MACHINE	TYPE
DRIVES POWER SUPPLY	41	ROMI DCM 620-5X V3.0	X
DRIVES POWER SUPPLY	42	ROMI DCM 620-5X V3.0	X
SPINDLE	43	ROMI DCM 620-5X V3.0	X
SPINDLE	44	ROMI DCM 620-5X V3.0	X
SPINDLE	45	ROMI DCM 620-5X V3.0	X
SPINDLE	46	ROMI DCM 620-5X V3.0	X
AXES DRIVES - X/Y	47	ROMI DCM 620-5X V3.0	X
AXES DRIVES - Z	48	ROMI DCM 620-5X V3.0	X
ROTATING AXIS - B	49	ROMI DCM 620-5X V3.0	X
ROTATING AXIS - B	50	ROMI DCM 620-5X V3.0	X
ROTATING AXIS - B	51	ROMI DCM 620-5X V3.0	X
ROTATING AXIS - B	52	ROMI DCM 620-5X V3.0	X
ROTATING AXIS - C	53	ROMI DCM 620-5X V3.0	X
ROTATING AXIS - C	54	ROMI DCM 620-5X V3.0	X
ROTATING AXIS - C	55	ROMI DCM 620-5X V3.0	X
ROTATING AXIS - C	56	ROMI DCM 620-5X V3.0	X
FLOOD COOLANT	57	ROMI DCM 620-5X V3.0	X
FLOOD COOLANT	58	ROMI DCM 620-5X V3.0	X
HYDRAULIC UNIT	59	ROMI DCM 620-5X V3.0	X
HYDRAULIC UNIT	60	ROMI DCM 620-5X V3.0	X
LUBE PUMP	61	ROMI DCM 620-5X V3.0	X
ELECTRIC PANEL CLIMATIZATION / OPERATOR'S PANEL	62	ROMI DCM 620-5X V3.0	X
WORK LIGHT	63	ROMI DCM 620-5X V3.0	X
WORK LIGHT	64	ROMI DCM 620-5X V3.0	X
HOUR METER	65	ROMI DCM 620-5X V3.0	X
SERVICE OUTLET	66	ROMI DCM 620-5X V3.0	X
AUTOMATIC TOOL CHANGER-30-POSITIONS	67	ROMI DCM 620-5X V3.0	X
AUTOMATIC TOOL CHANGER-30-POSITIONS	68	ROMI DCM 620-5X V3.0	X
AUTOMATIC TOOL CHANGER-30-POSITIONS	69	ROMI DCM 620-5X V3.0	X
AUTOMATIC TOOL CHANGER-30-POSITIONS	70	ROMI DCM 620-5X V3.0	X
AUTOMATIC TOOL CHANGER-30-POSITIONS	71	ROMI DCM 620-5X V3.0	X
AUTOMATIC TOOL CHANGER-30-POSITIONS	72	ROMI DCM 620-5X V3.0	X
AUTOMATIC TOOL CHANGER-30-POSITIONS	73	ROMI DCM 620-5X V3.0	X
AUTOMATIC TOOL CHANGER-30-POSITIONS	74	ROMI DCM 620-5X V3.0	X
ETHERNET	75	ROMI DCM 620-5X V3.0	X
PNEUMATIC UNIT	76	ROMI DCM 620-5X V3.0	X
WASH GUN	77	ROMI DCM 620-5X V3.0	X
THERMAL COMPENSATION SYSTEM - WITH LINEAR SCALE	78	ROMI DCM 620-5X V3.0	X
THERMAL COMPENSATION SYSTEM - WITH LINEAR SCALE	79	ROMI DCM 620-5X V3.0	X
THERMAL COMPENSATION SYSTEM - WITHOUT LINEAR SCALE	80	ROMI DCM 620-5X V3.0	X

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DESCRIPTION: INDEX

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DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	
ROMI DCM	3		ROMI DCM 620-5X V3.0	N° U14186D

- INDEX

SECTION	SHEET	APPLICATION	
		MACHINE	TYPE
THERMAL COMPENSATION SYSTEM - WITHOUT LINEAR SCALE	81	ROMI DCM 620-5X V3.0	X
HEDSTOCK COOLANT SYSTEM	82	ROMI DCM 620-5X V3.0	X
AIR CONDITIONER	83	ROMI DCM 620-5X V3.0	O
CHIP CONVEYOR INTERFACE	84	ROMI DCM 620-5X V3.0	O
CHIP CONVEYOR INTERFACE	85	ROMI DCM 620-5X V3.0	O
LUBRICANT OIL SKIMMER	86	ROMI DCM 620-5X V3.0	O
CHIP CLEAN	87	ROMI DCM 620-5X V3.0	X
COOLANT MIST EXHAUST	88	ROMI DCM 620-5X V3.0	O
SPINDLE CENTER COOLANT - 7 BAR	89	ROMI DCM 620-5X V3.0	O
SPINDLE CENTER COOLANT - 20/70 BAR	90	ROMI DCM 620-5X V3.0	O
STATUS INDICATOR	91	ROMI DCM 620-5X V3.0	O
PNEUMATIC CLEANING	92	ROMI DCM 620-5X V3.0	O
TOP COVERAGE MACHINING AREA	93	ROMI DCM 620-5X V3.0	O
AUTO POWER OFF	94	ROMI DCM 620-5X V3.0	O
PART MEASUREMENT/INSPECTION	95	ROMI DCM 620-5X V3.0	O
TOOL PRESET	96	ROMI DCM 620-5X V3.0	O
LINEAR SCALE - X	97	ROMI DCM 620-5X V3.0	O
LINEAR SCALE - Y	98	ROMI DCM 620-5X V3.0	O
LINEAR SCALE - Z	99	ROMI DCM 620-5X V3.0	O
ELECTRICAL PANEL LAYOUT	100	ROMI DCM 620-5X V3.0	X
ELECTRICAL PANEL LAYOUT	101	ROMI DCM 620-5X V3.0	X
ELECTRICAL PANEL LAYOUT	102	ROMI DCM 620-5X V3.0	X
ELECTRICAL PANEL LAYOUT	103	ROMI DCM 620-5X V3.0	X
OPERATOR`S PANEL LAYOUT	104	ROMI DCM 620-5X V3.0	X
OPERATOR`S PANEL LAYOUT	105	ROMI DCM 620-5X V3.0	X
OPERATOR`S PANEL LAYOUT	106	ROMI DCM 620-5X V3.0	X
OPERATOR`S PANEL LAYOUT	107	ROMI DCM 620-5X V3.0	X
OPERATOR`S PANEL LAYOUT	108	ROMI DCM 620-5X V3.0	X
LATHE LAYOUT	109	ROMI DCM 620-5X V3.0	X
GROUNDING LAYOUT	110	ROMI DCM 620-5X V3.0	X
UNIFILAR DIAGRAMS - REDES	111	ROMI DCM 620 5F V3.0	X
UNIFILAR DIAGRAMS	112	ROMI DCM 620-5X V3.0	X
INPUT / OUTPUT MAP	113	ROMI DCM 620-5X V3.0	X
INPUT / OUTPUT MAP	114	ROMI DCM 620-5X V3.0	X
INPUT / OUTPUT MAP	115	ROMI DCM 620-5X V3.0	X
INPUT / OUTPUT MAP	116	ROMI DCM 620-5X V3.0	X
INPUT / OUTPUT MAP	117	ROMI DCM 620-5X V3.0	X
INPUT / OUTPUT MAP	118	ROMI DCM 620-5X V3.0	X
INPUT / OUTPUT MAP	119	ROMI DCM 620-5X V3.0	X
INPUT / OUTPUT MAP	120	ROMI DCM 620-5X V3.0	X

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DESCRIPTION: INDEX

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DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	
ROMI DCM	4		ROMI DCM 620-5X V3.0	N° U14186D

- INDEX

SECTION	SHEET	APPLICATION	
		MACHINE	TYPE
INPUT / OUTPUT MAP - OPERATOR'S PANEL	121	ROMI DCM 620-5X V3.0	X
PARAMETER	122	ROMI DCM 620-5X V3.0	X
PARAMETER	123	ROMI DCM 620-5X V3.0	X
ADDITIONAL INFORMATION	124	ROMI DCM 620-5X V3.0	X
ADDITIONAL INFORMATION	125	ROMI DCM 620-5X V3.0	X
ADDITIONAL INFORMATION	126	ROMI DCM 620-5X V3.0	X
ADDITIONAL INFORMATION	127	ROMI DCM 620-5X V3.0	X
ADDITIONAL INFORMATION	128	ROMI DCM 620-5X V3.0	X
ADDITIONAL INFORMATION	129	ROMI DCM 620-5X V3.0	X
ADDITIONAL INFORMATION	130	ROMI DCM 620-5X V3.0	X
ADDITIONAL INFORMATION	131	ROMI DCM 620-5X V3.0	X
ADDITIONAL INFORMATION	132	ROMI DCM 620-5X V3.0	X
ADDITIONAL INFORMATION	133	ROMI DCM 620-5X V3.0	X
ADDITIONAL INFORMATION	134	ROMI DCM 620-5X V3.0	X
FUNCTION / DESCRIPTION OF PARTS	135	ROMI DCM 620-5X V3.0	X
FUNCTION / DESCRIPTION OF PARTS	136	ROMI DCM 620-5X V3.0	X
FUNCTION / DESCRIPTION OF PARTS	137	ROMI DCM 620-5X V3.0	X
FUNCTION / DESCRIPTION OF PARTS	138	ROMI DCM 620-5X V3.0	X
FUNCTION / DESCRIPTION OF PARTS	139	ROMI DCM 620-5X V3.0	X
FUNCTION / DESCRIPTION OF PARTS	140	ROMI DCM 620-5X V3.0	X
FUNCTION / DESCRIPTION OF PARTS	141	ROMI DCM 620-5X V3.0	X
FUNCTION / DESCRIPTION OF PARTS	142	ROMI DCM 620-5X V3.0	X
FUNCTION / DESCRIPTION OF PARTS	143	ROMI DCM 620-5X V3.0	X
FUNCTION / DESCRIPTION OF PARTS	144	ROMI DCM 620-5X V3.0	X
FUNCTION / DESCRIPTION OF PARTS	145	ROMI DCM 620-5X V3.0	X

SAFETY PRECAUTIONS

DANGER

Some accessible component and terminal main retain tension even after being disconnected, which may cause SERIOUS INJURIES and even DEATH.

Some components may produce high temperatures even after being disconnected, which may cause SERIOUS BURNS if touched.

CAUTION

Temperature above the ones specified in the machine manuals may in poor operation of internal components.

This equipment is provide with electrostatic discharge sensitive (ESD) components. Therefore, be very careful and through efficient control try to prevent the generation of static electricity during installation, tests, repairs,etc.

WARNING

Indústrias Romi S/A, shall not be directly or indirectly liable for any consequential damage caused by poor use and/or misuse of the equipment of its manufacture.

Only personnel fully acquainted with the equipment and trained for this purpose, should render maintenance service. Always refer to the equipment manuals.

Special attention should be given when replacing special components as to their removal and replacement method as well as weight and dimensions.

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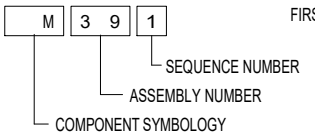
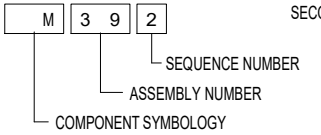
DESCRIPTION	SAFETY PRECAUTIONS			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE A3
	DRAWER	ANDREW	11/09/2013	
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 6	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D

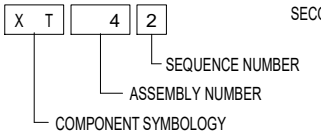
CODIFICATION TABLE

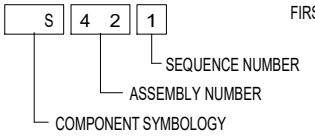
ASSEMBLY	SEQUENCE	DESCRIPTION
1	1 ~ 9	MAIN POWER SUPPLY
2	1 ~ 9	POWER SUPPLY 380VAC
3	1 ~ 9	POWER SUPPLY 220VAC
4	1 ~ 9	24VDC POWER SUPPLY
5	1 ~ 9	MACHINE POWER ON
6	1 ~ 9	EMERGENCY STOP LINE
8	1 ~ 9	OPERATOR'S DOOR - LOCK
10	1 ~ 9	MAINTENANCE DOOR
11	1 ~ 9	AUTOMATIC DOOR / SAFETY STOP
12	1 ~ 9	I/O MODULE
13	1 ~ 9	CNC
14	1 ~ 9	DRIVES POWER SUPPLY
15	1 ~ 9	SPINDLE
17	1 ~ 9	AXES DRIVES
18	1 ~ 9	COORDINATE AXIS - X
19	1 ~ 9	COORDINATE AXIS - Y
20	1 ~ 9	COORDINATE AXIS - Z
23	1 ~ 9	HYDRAULIC UNIT
24	1 ~ 9	WASH GUN
25	1 ~ 9	FLOOD COOLANT
27	1 ~ 9	LUBE PUMP
28	1 ~ 9	AIR CONDITIONER
29	1 ~ 9	CHIP CONVEYOR
34	1 ~ 9	PNEUMATIC TAILSTOCK - SLEEVE
39	1 ~ 9	ELECTRIC PANEL CLIMATIZATION
41	1 ~ 9	LUBRICANT OIL SKIMMER
49	1 ~ 9	WORK LIGHT
51	1 ~ 9	HOUR METER
52	1 ~ 9	SOUND ALARM
53	1 ~ 9	SERVICE OUTLET / USB
56	1 ~ 9	BI-MANUAL START
57	1 ~ 9	CYCLE START/CYCLE STOP
59	1 ~ 9	OPERATING LEVEL
60	1 ~ 9	CODE M INTERFACE - EXTERNAL
61	1 ~ 9	CHIP CLEAN
62	1 ~ 9	TRANSFER
68	1 ~ 9	HELICAL CHIP CONVEYOR

CODIFICATION READING









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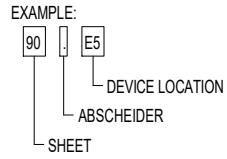

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CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	7		ROMI DCM 620-5X V3.0	U14186D

CODIFICATION TABLE

ASSEMBLY	SEQUENCE	DESCRIPTION
69	1 ~ 9	AUTOMATIC TOOL CHANGER
73	1 ~ 9	COOLANT MIST EXHAUST
74	1 ~ 9	COOLANT FILTER SYSTEM
75	1 ~ 9	SPINDLE CENTER COOLANT
76	1 ~ 9	ROTARY AXIS INTERFACE - A
77	1 ~ 9	INDEXING TABLE / INDEX TABLE
78	1 ~ 9	LINEAR SCALE
80	1 ~ 9	STATUS INDICATOR
83	1 ~ 9	PART MEASUREMENT/INSPECTION
84	1 ~ 9	TOOL PRESET
86	1 ~ 9	HEDSTOCK COOLANT SYSTEM
88	1 ~ 9	ETHERNET
89	1 ~ 9	ROTATING AXIS - A
92	1 ~ 9	CLAMPING DEVICE
99	1 ~ 9	POWER SUPPLY
101	1 ~ 9	REMOTE DIAGNOSTIC INTERFACE
105	1 ~ 9	PNEUMATIC UNIT
106	1 ~ 9	PNEUMATIC CLEANING

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REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	8		ROMI DCM 620-5X V3.0	U14186D

CUSTOMER RAMIFICATION INPUT LINE

MACHINE: ***ROMI DCM 620-5X V3.0***

POWER (KVA)	TENSION (V)	CURRENT QM11 (A)	CURRENT (A)	ADJUSTING FACTOR (%)	ADJUST QM11 (A)	POWER M151 (W)	CURRENT M151 (A)	WIRES INPUT (mm²) (1)	INTERRUPTION CAPACITY (KA)
50	**200**	112~160	144	0,90	144	12000	40	**35**	85
50	**210**	112~160	137	0,90	144	12000	38	**35**	85
50	**220**	112~160	131	0,90	144	12000	36	**35**	85
50	**230**	112~160	126	0,80	128	12000	35	**35**	85
50	**240**	112~160	120	0,80	128	12000	33	**35**	85
50	**250**	112~160	115	0,80	128	12000	32	**35**	85
50	**360**	56~80	80	1,00	80	12000	22	**25**	36
50	**380**	56~80	76	1,00	80	12000	21	**25**	36
50	**390**	56~80	74	1,00	80	12000	20	**25**	36
50	**410**	56~80	70	0,90	72	12000	19	**25**	36
50	**420**	56~80	69	0,90	72	12000	19	**25**	36
50	**440**	56~80	66	0,90	72	12000	18	**25**	35
50	**460**	56~80	63	0,80	64	12000	17	**25**	35
50	**480**	56~80	60	0,80	64	12000	17	**25**	35

NOTE:

(1) WIRE GAGES ARE SPECIFIELD FOR 30m BETWEEN THE MACHINE AND THE POWER SUPPLY. HOWEVER ALWAYS CONSULT THE LOCAL STANDARDS BEFORE INSTTALING THE INCOMING POWER.

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D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: MAIN POWER SUPPLY

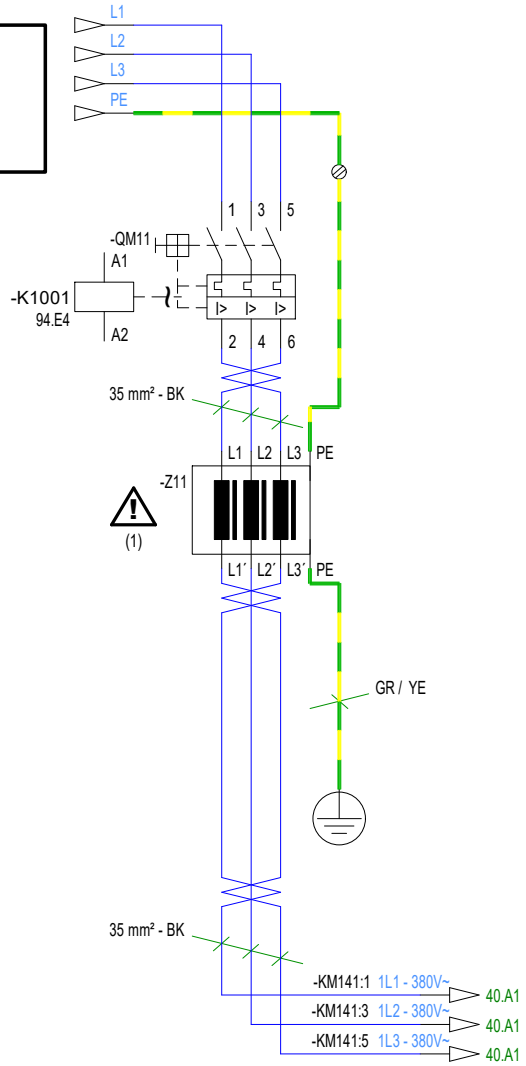
ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	9		ROMI DCM 620-5X V3.0	U14186D

STANDARD

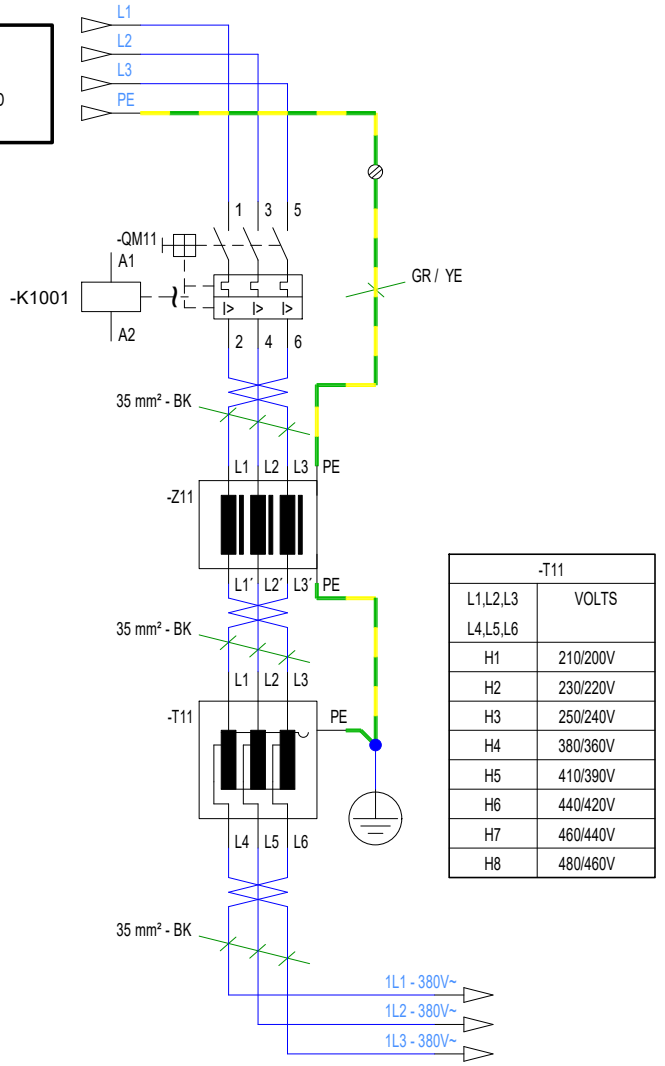
CUSTOMER INSTALLED
- 4 WIRES INPUT
- 3 PHASES + EARTH GND
- INPUT 380 VAC
- STANDARD CE



SAME STANDARD CONNECTION

OPTIONAL

CUSTOMER INSTALLED
- 4 WIRES INPUT
- 3 PHASES + EARTH GND
- INPUT 200 / 480 VAC



-T11	
L1,L2,L3 L4,L5,L6	VOLTS
H1	210/200V
H2	230/220V
H3	250/240V
H4	380/360V
H5	410/390V
H6	440/420V
H7	460/440V
H8	480/460V

SAME STANDARD CONNECTION

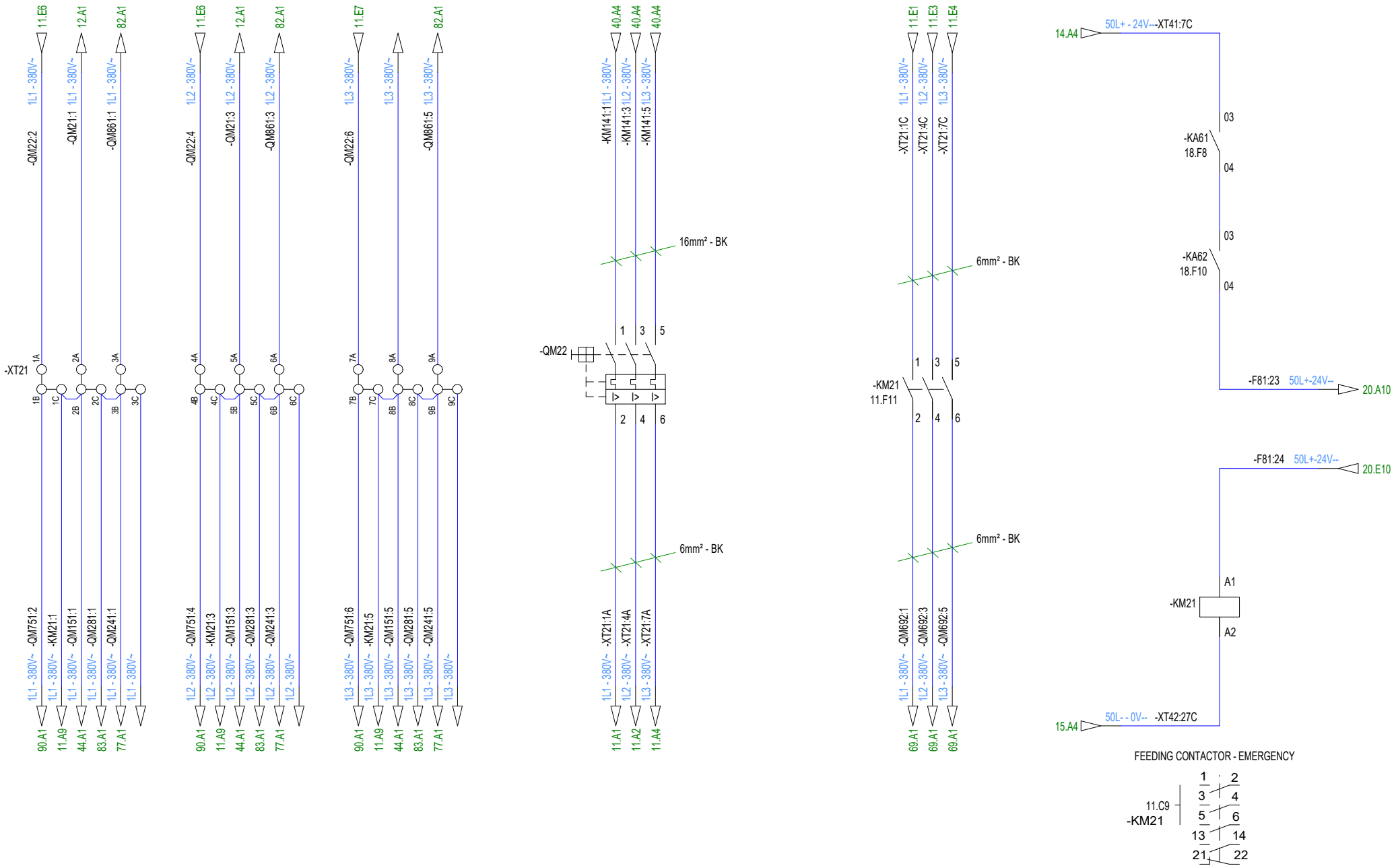
NOTE:

ALL WIRES GAGES ARE AS MARKED. FOR THOSE NOT MARKED USE 20AWG/0,5mm². - BLUE

(1) THE LINE FILTER MUST BE USED FOR VOLTAGES INTENDED TO THE CE MARKET ONLY! FAILURE TO OBSERVE THIS NOTE CAN DAMAGE THE EQUIPMENT!

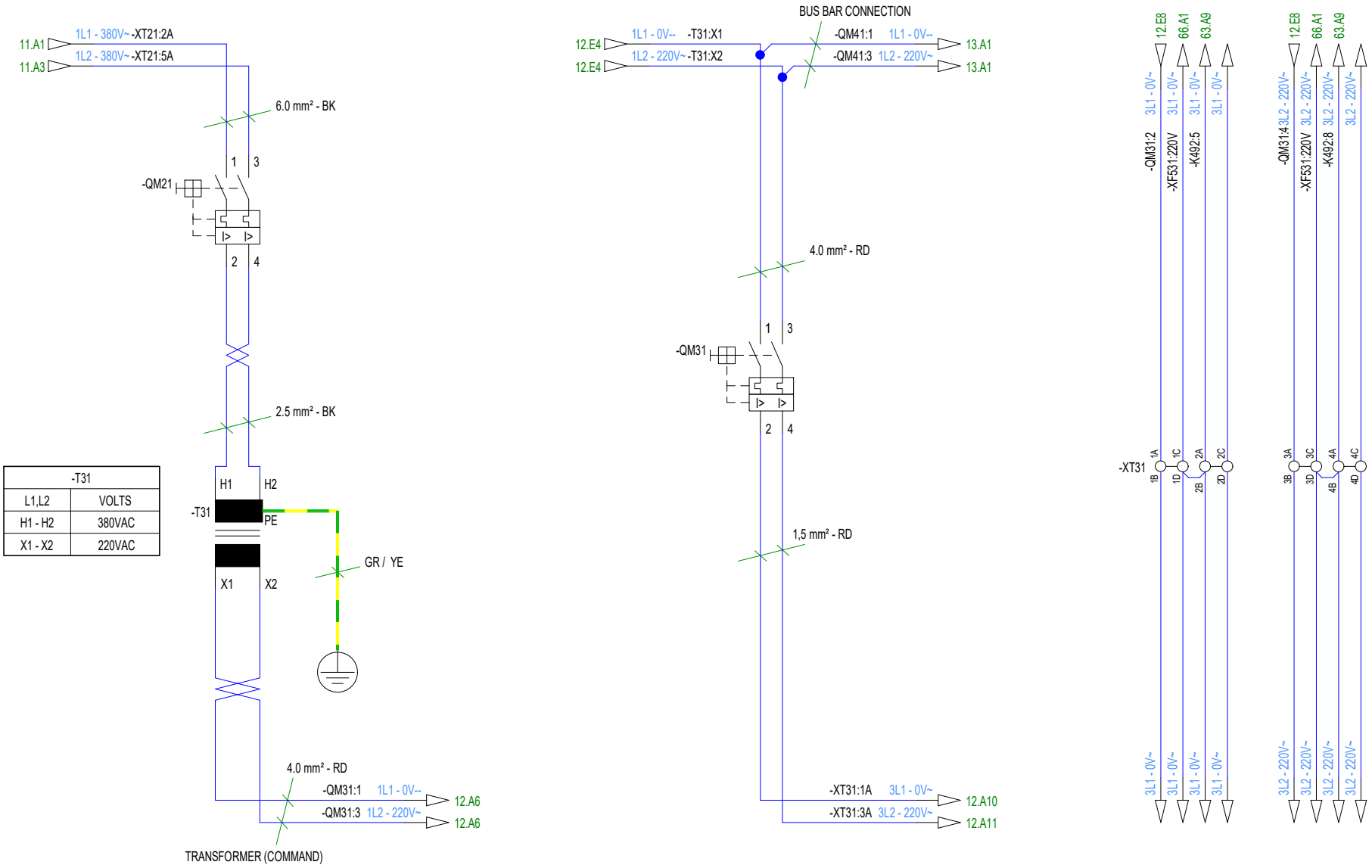
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	MAIN POWER SUPPLY				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 10	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	



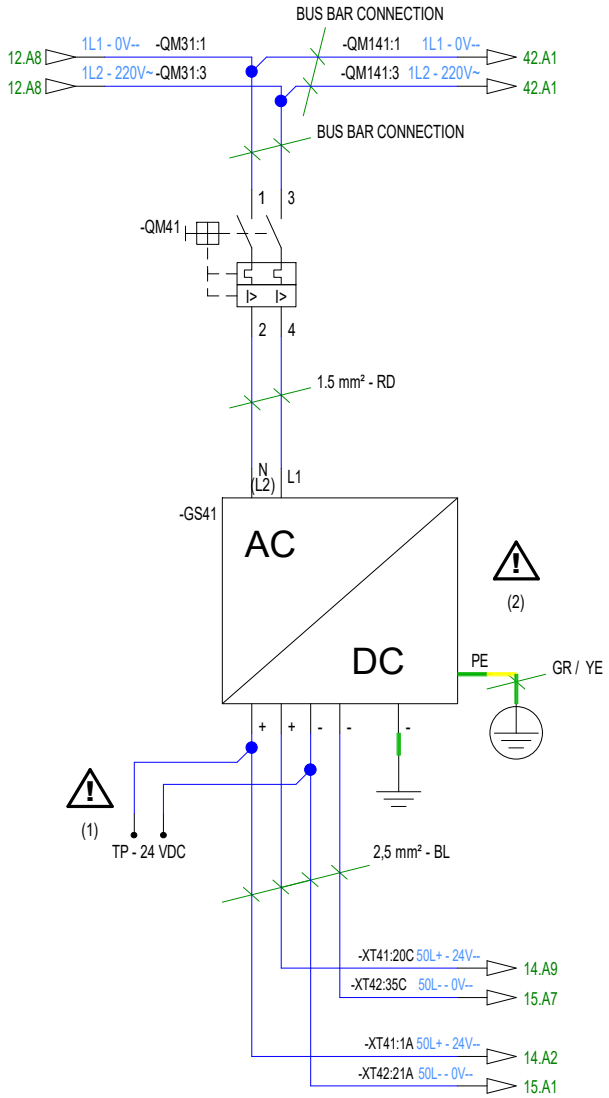
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	POWER SUPPLY - 380VAC			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE A3
	DRAWER	ANDREW	11/09/2013	
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 11	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	POWER SUPPLY - 220 VAC		
ROMI®	DESIGNED	FERNANDO	11/09/2013
	DRAWER	ANDREW	11/09/2013
	CONTROLLED	VILALTA	11/09/2013
PROJECTION	SIZE	A3	
REFERENCE ROMI DCM	SHEET 12	SCALE	APPLICATION ROMI DCM 620-5X V3.0
N° U14186D			



NOTE:

(1) TP - TEST POINT

(2) SWITCH A = OFF
SWITCH B = ON

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

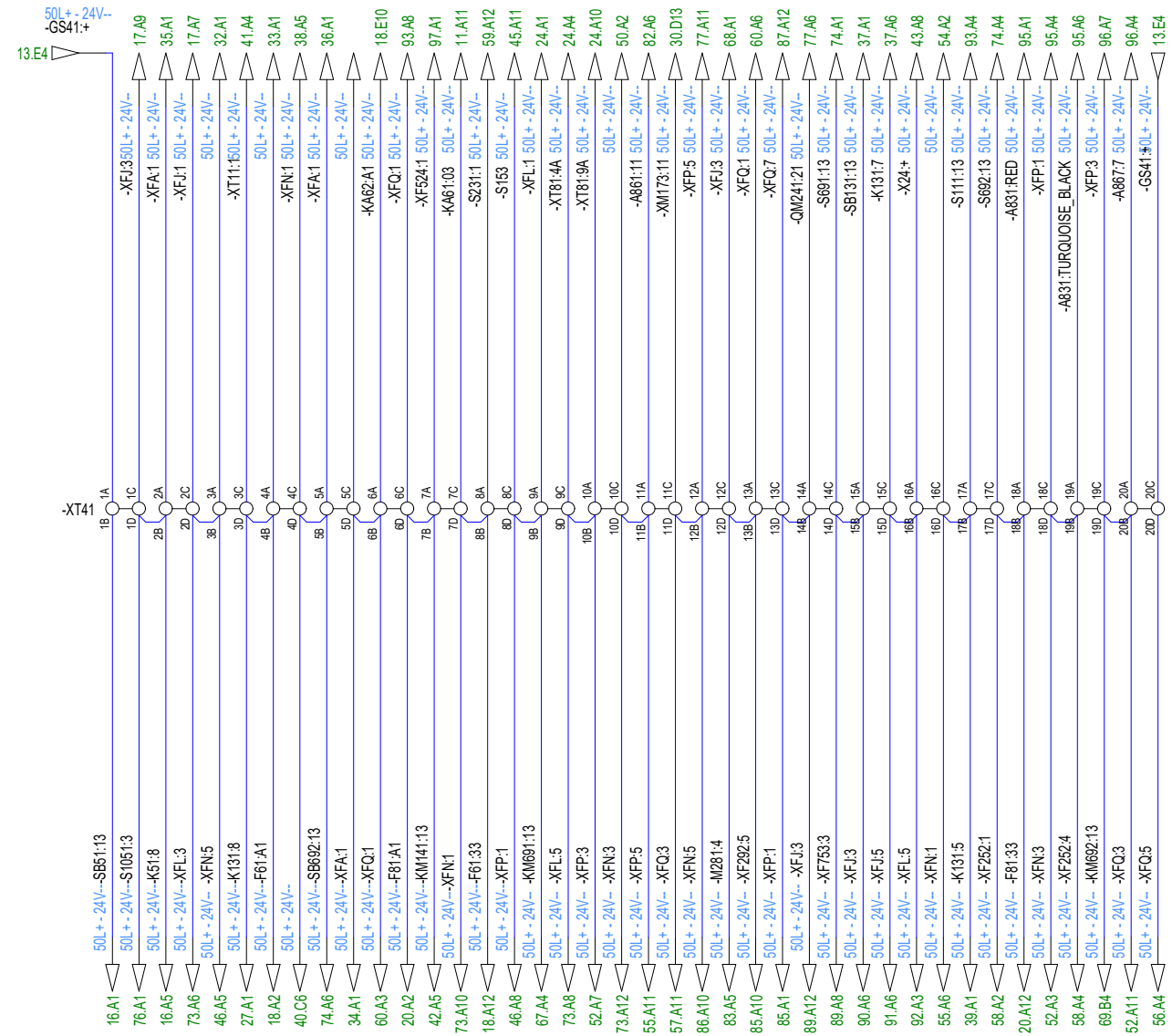
DESCRIPTION: 24VDC POWER SUPPLY

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	N°
ROMI DCM	13		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

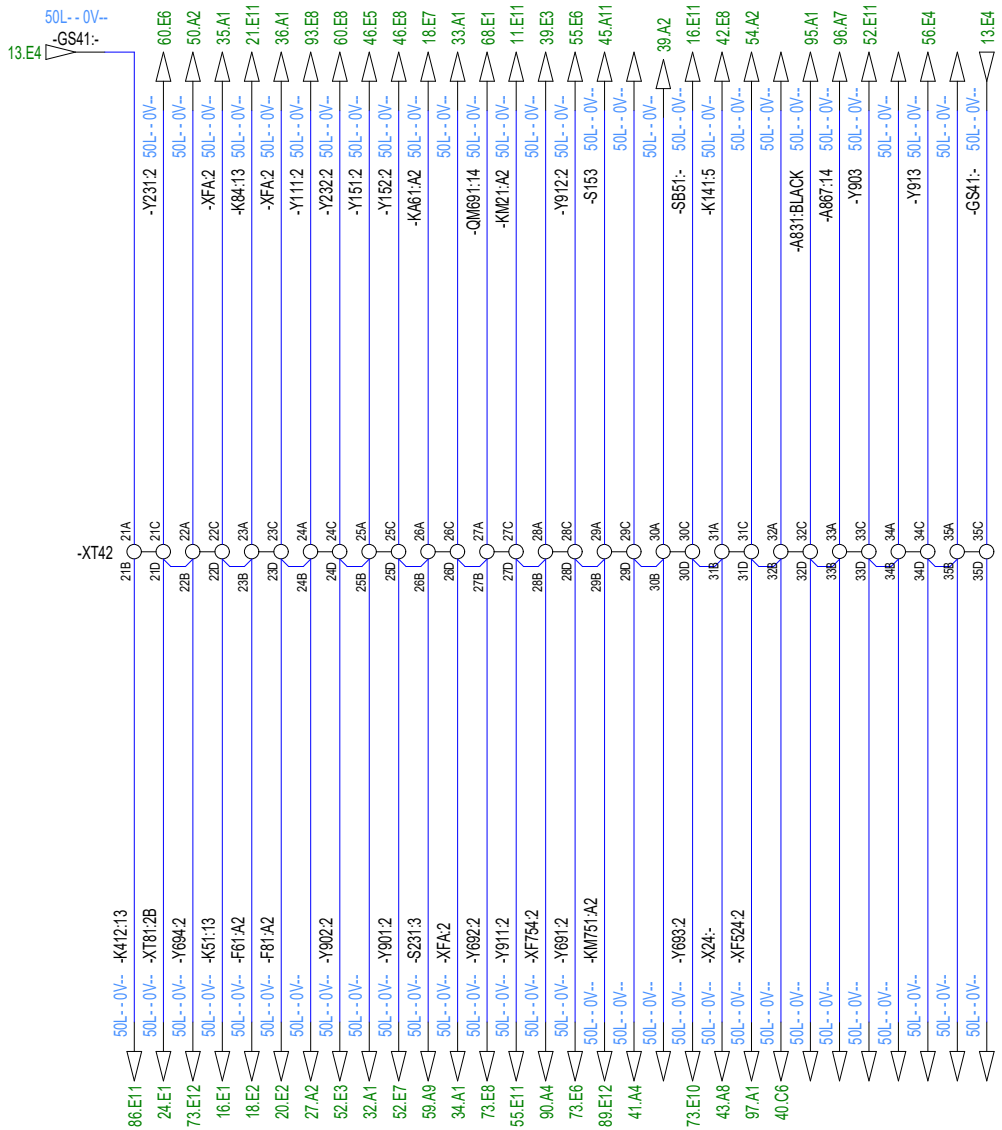
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: 24VDC POWER SUPPLY

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	14		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

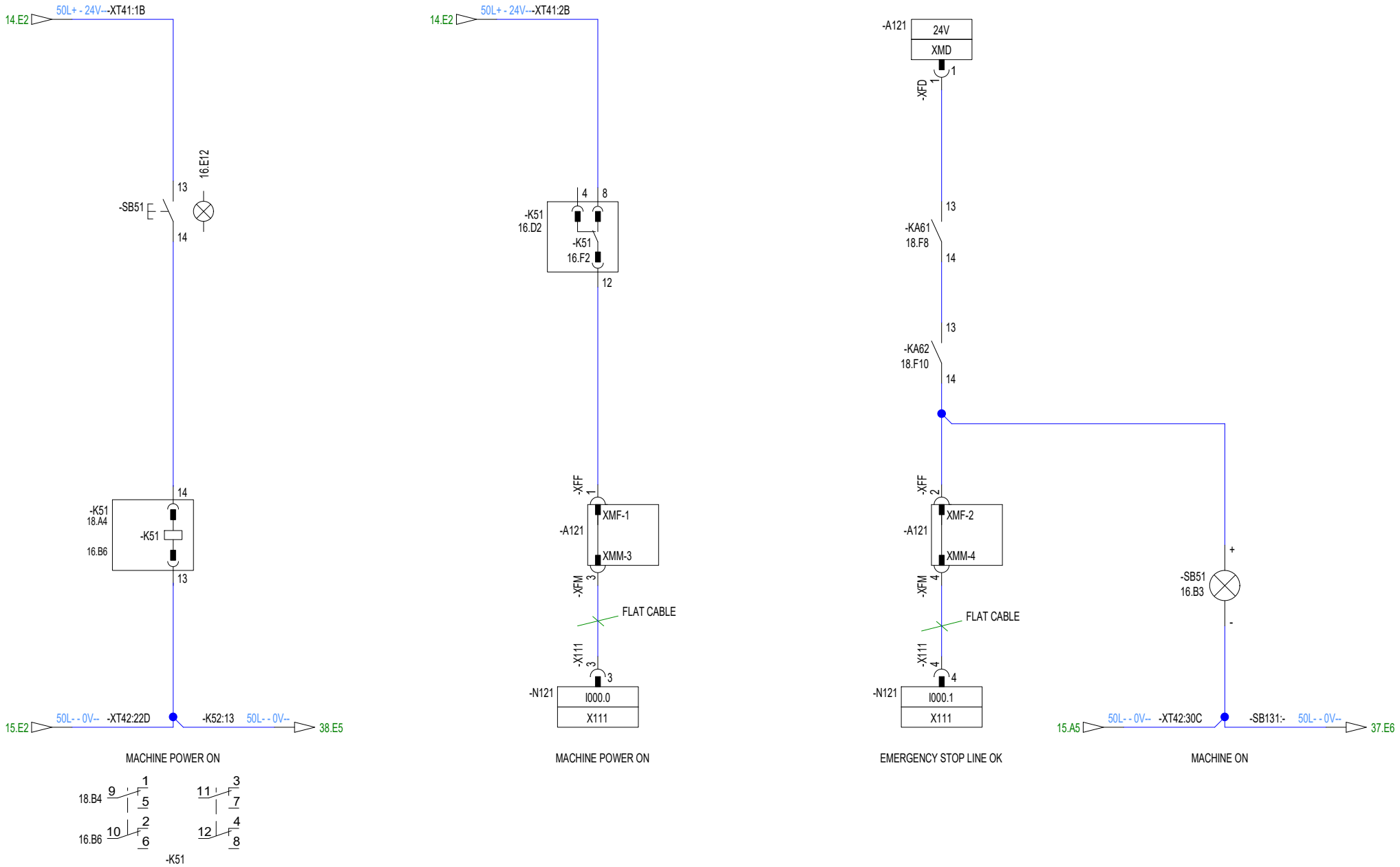
DESCRIPTION: 24VDC POWER SUPPLY

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

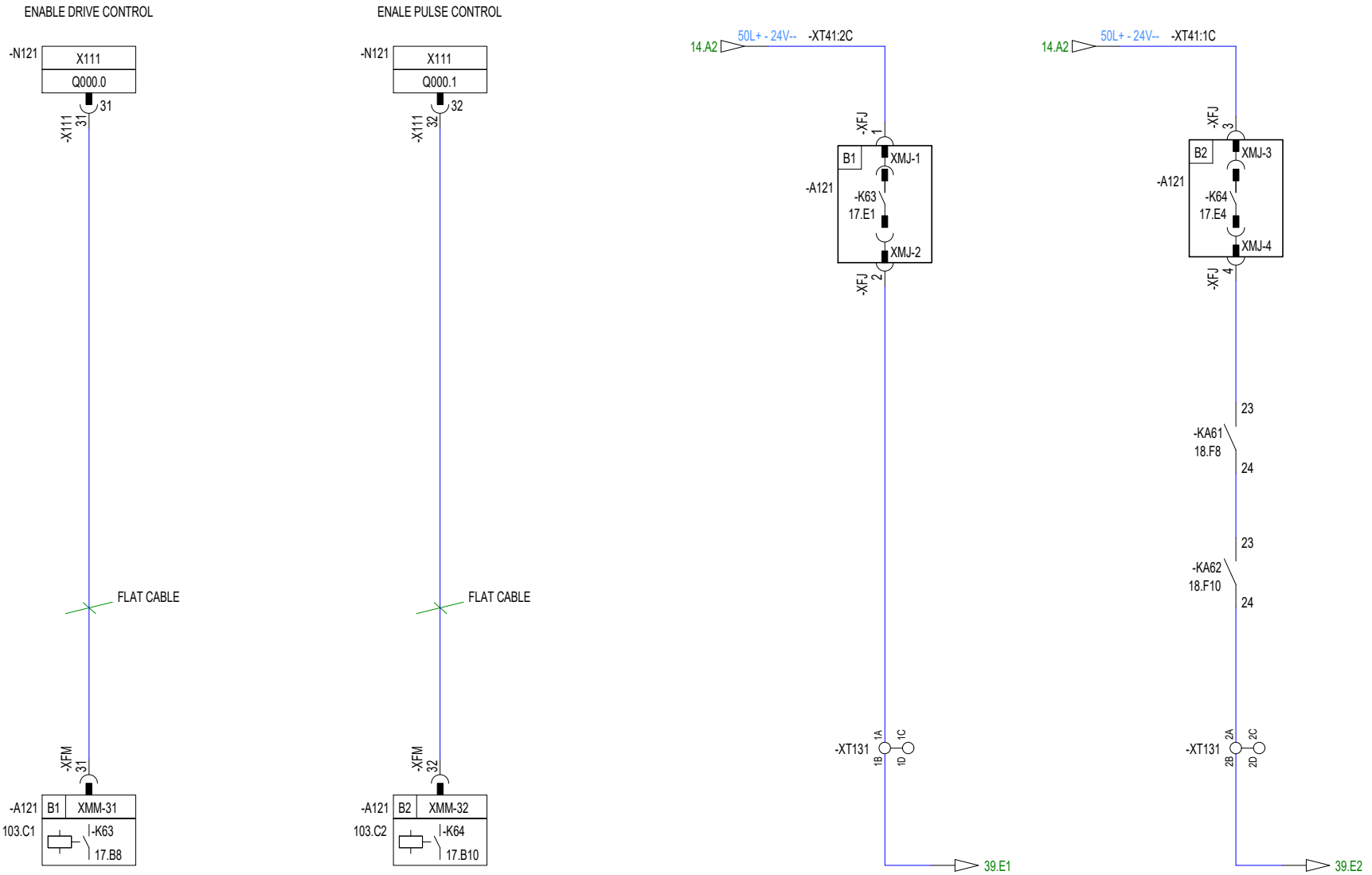
REFERENCE	SHEET	SCALE	APPLICATION	
ROMI DCM	15		ROMI DCM 620-5X V3.0	N° U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	EMERGENCY STOP LINE				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 16	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: EMERGENCY STOP LINE

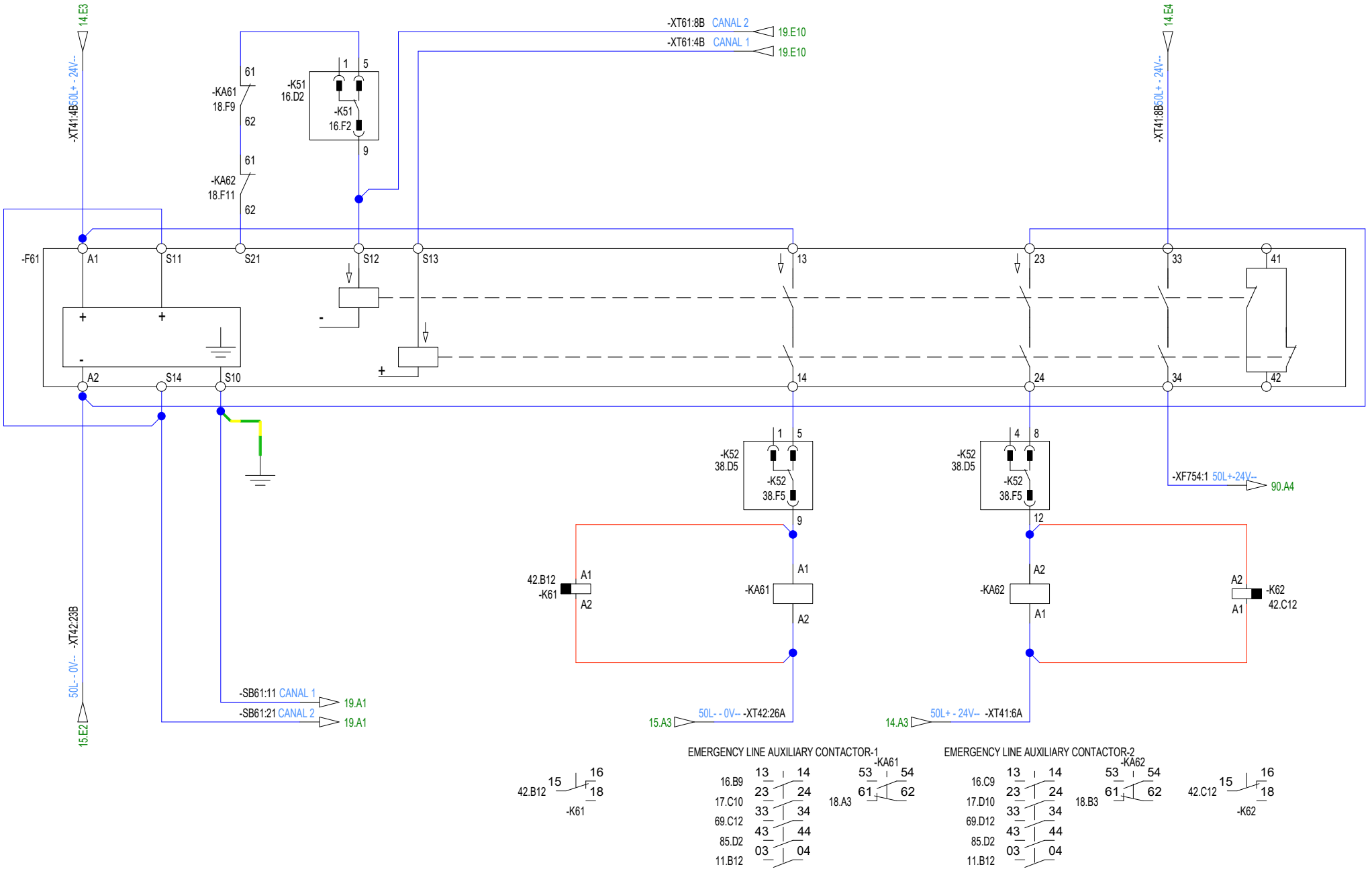
ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION

SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	
ROMI DCM	17		ROMI DCM 620-5X V3.0	N° U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

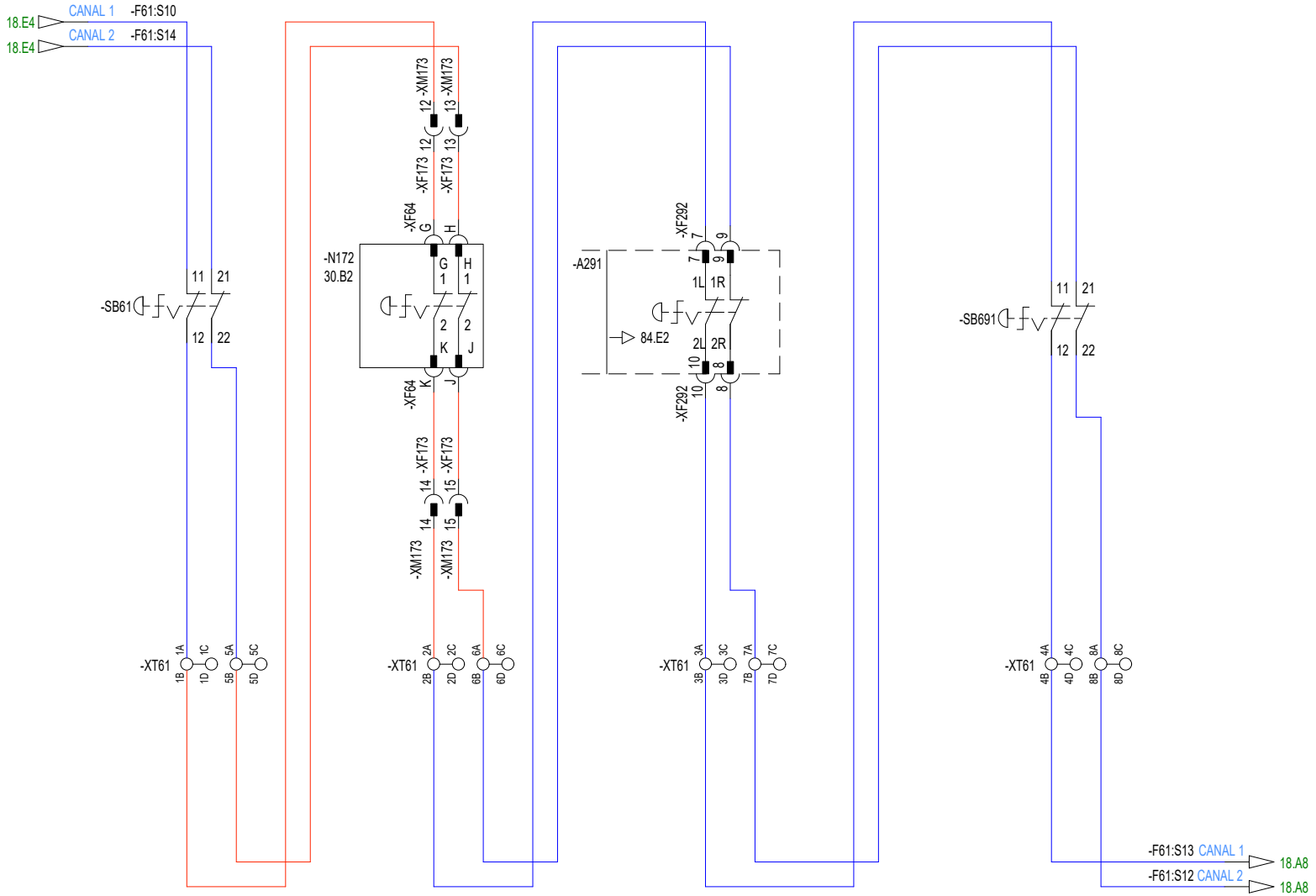
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: EMERGENCY STOP LINE

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	
ROMI DCM	18		ROMI DCM 620-5X V3.0	N° U14186D



EMERGENCY BUTTON - MCP

REMOTE OPERATION PANEL EMERGENCY BUTTON

CHIP CONVEYOR EMERGENCY STOP BUTTON

EMERGENCY BUTTON - AUTOMATIC TOOL CHANGER

REL.	MODIFICATION	MODIF.	APROV.	DATE

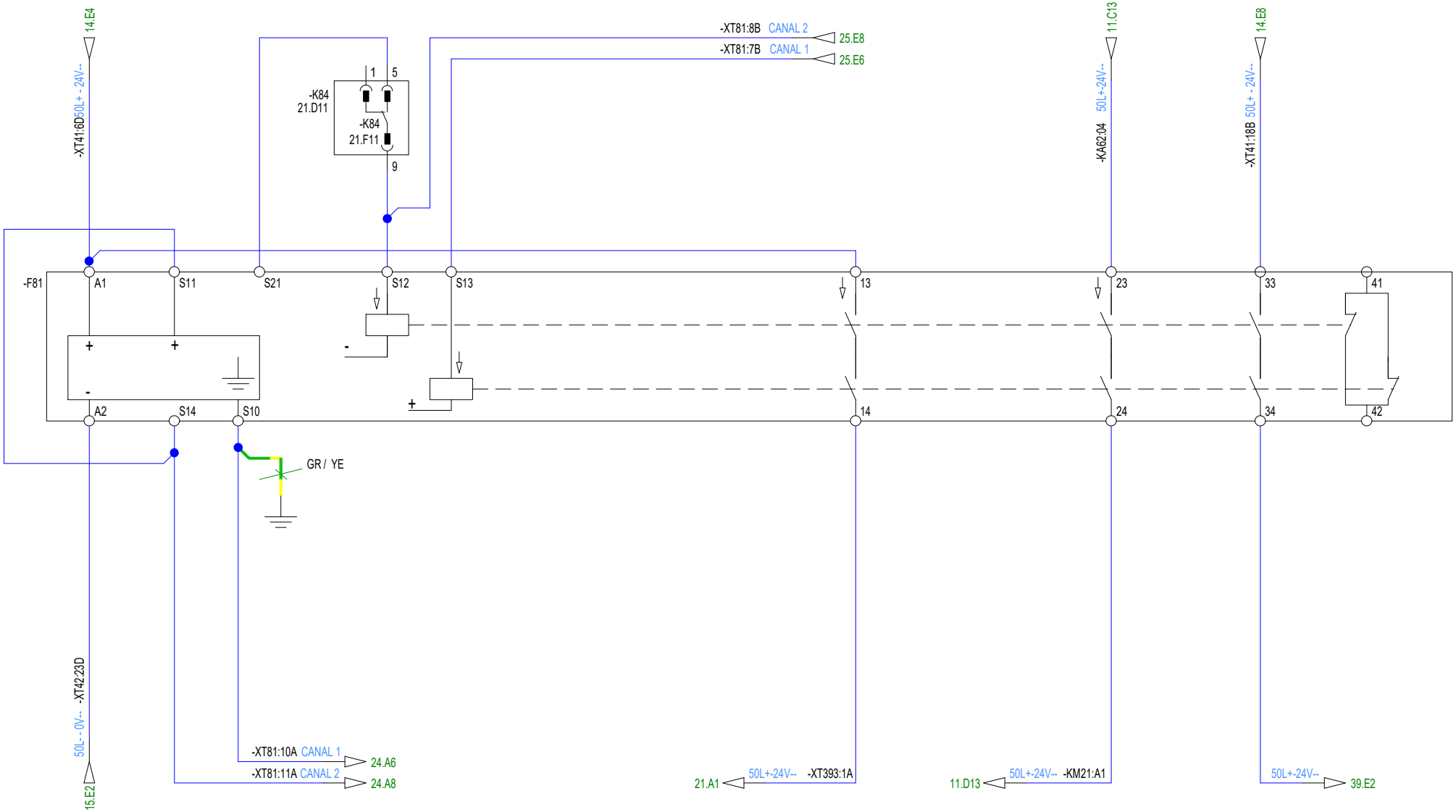
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: EMERGENCY STOP LINE

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	19		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

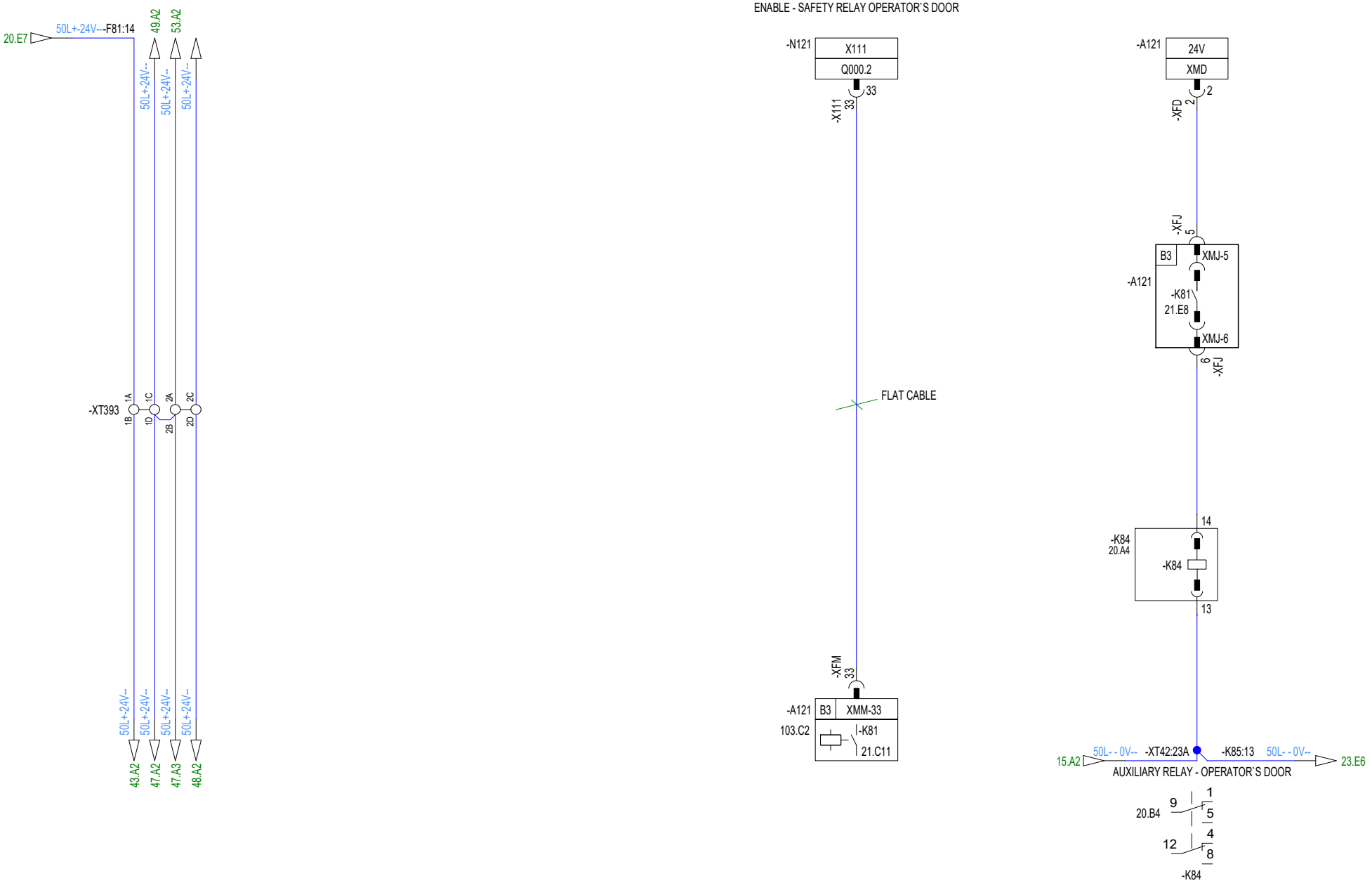
DESCRIPTION: OPERATOR`S DOOR

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	
ROMI DCM	20		ROMI DCM 620-5X V3.0	N° U14186D

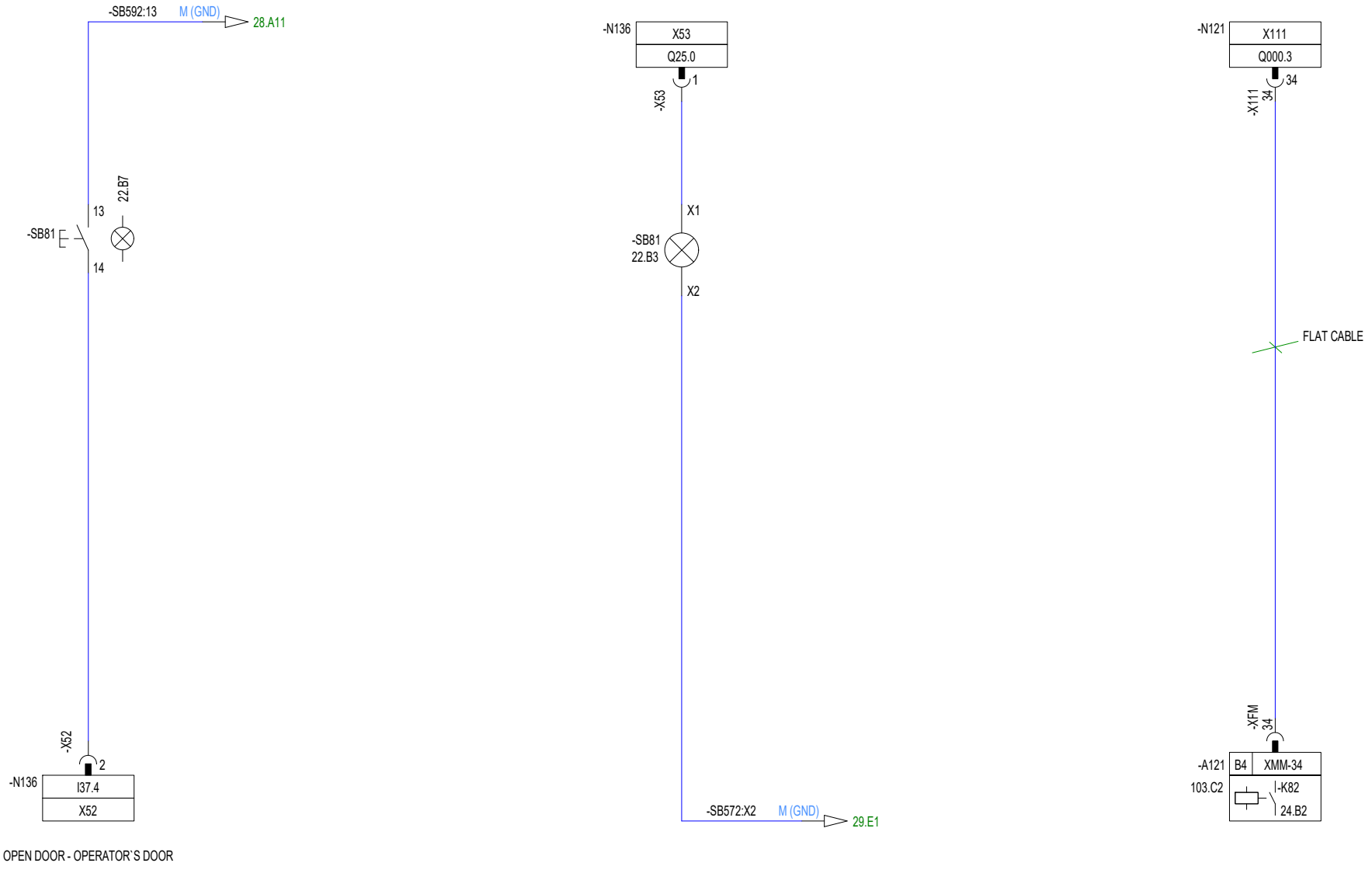
ENABLE - SAFETY RELAY OPERATOR`S DOOR



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	OPERATOR`S DOOR			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE A3
	DRAWER	ANDREW	11/09/2013	
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 21	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: OPERATOR`S DOOR

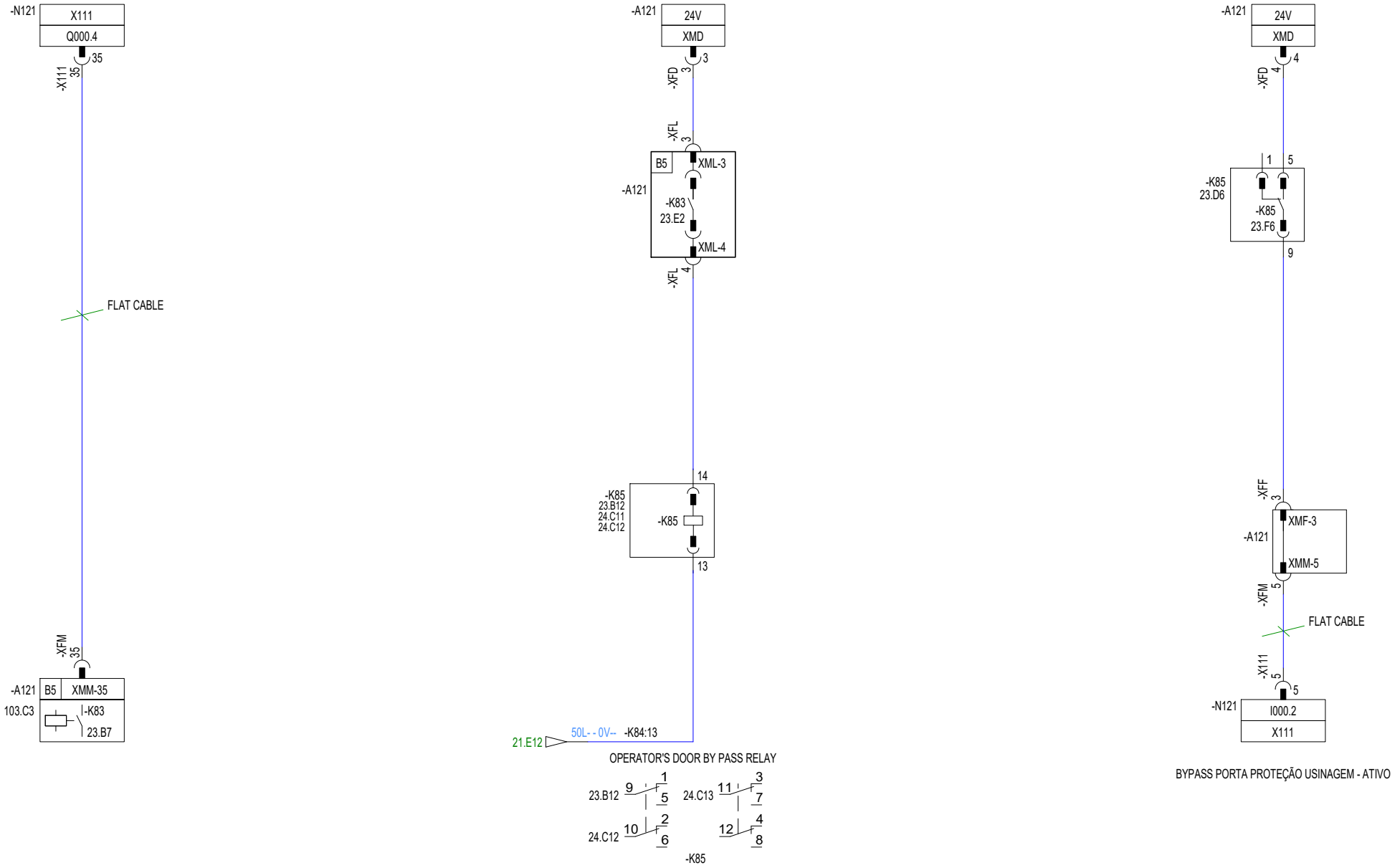
ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	
ROMI DCM	22		ROMI DCM 620-5X V3.0	N° U14186D

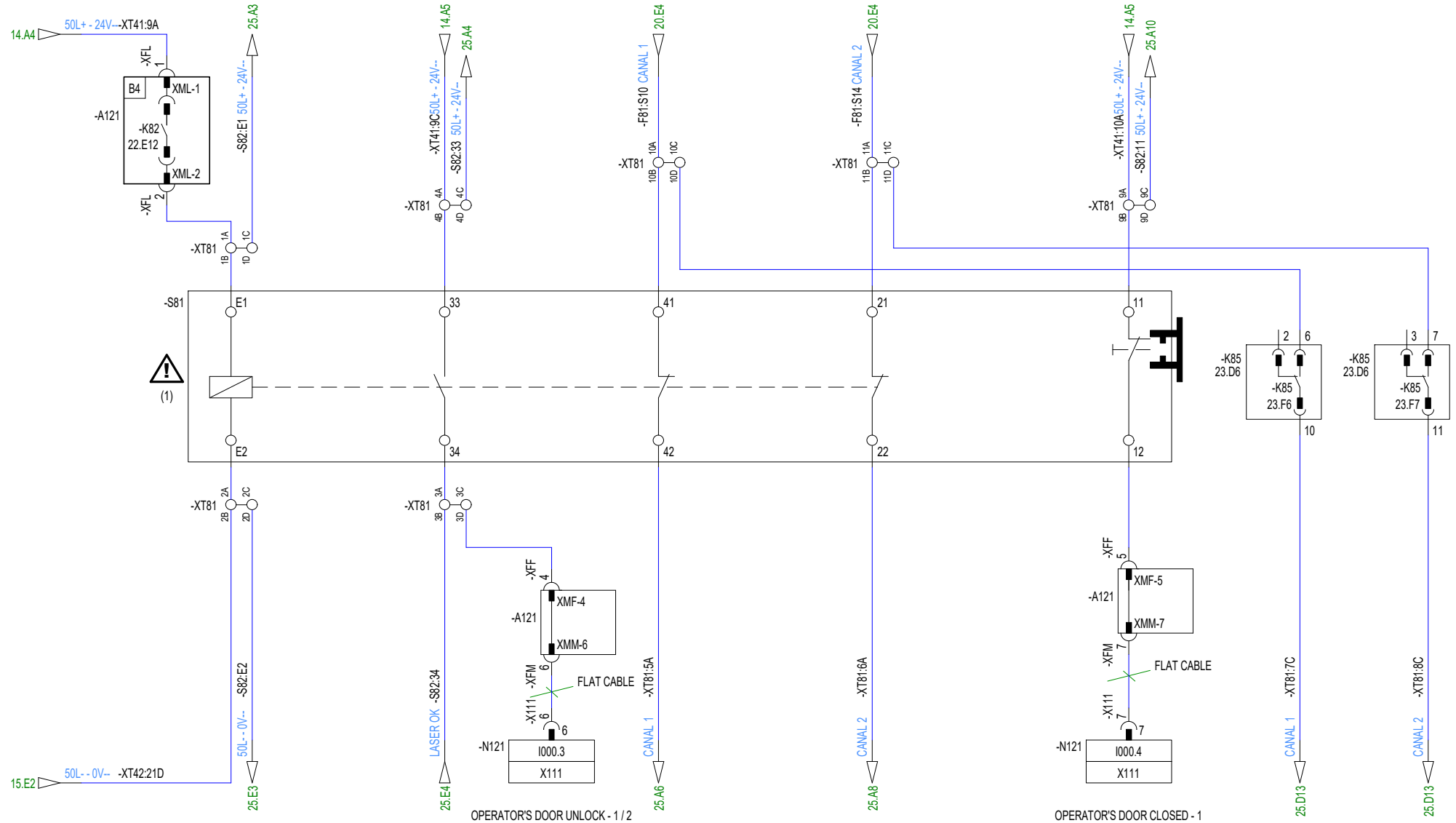
OP DOOR BYPASS



BYPASS PORTA PROTEÇÃO USINAGEM - ATIVO

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	OPERATOR`S DOOR				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 23	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	



NOTE:

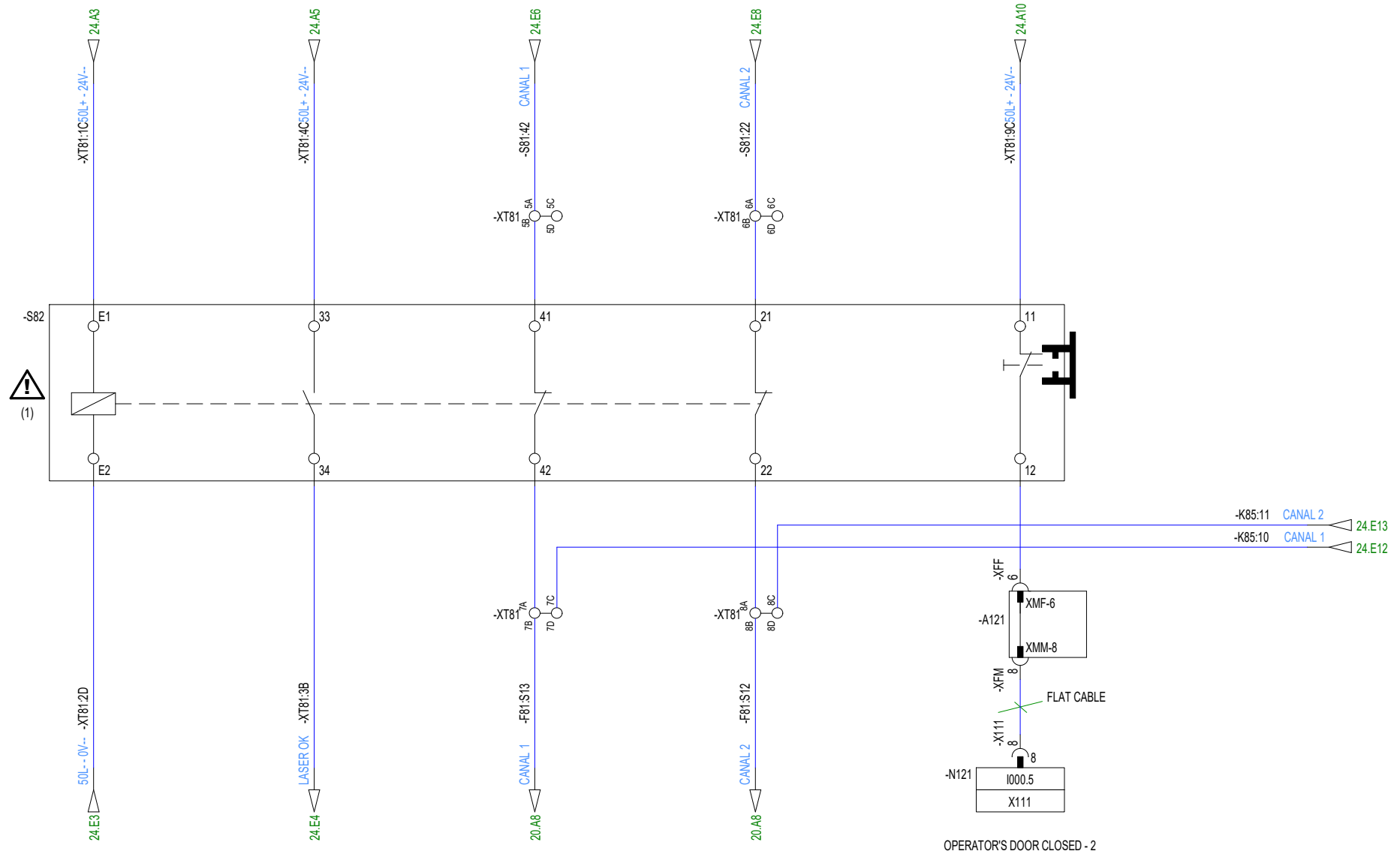
(1) THE SOLENOID IS ALWAYS ENERGIZED TO UNLOCK.

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	OPERATOR`S DOOR		
ROMI®	DESIGNED	FERNANDO	11/09/2013
	DRAWER	ANDREW	11/09/2013
	CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	24		ROMI DCM 620-5X V3.0	U14186D

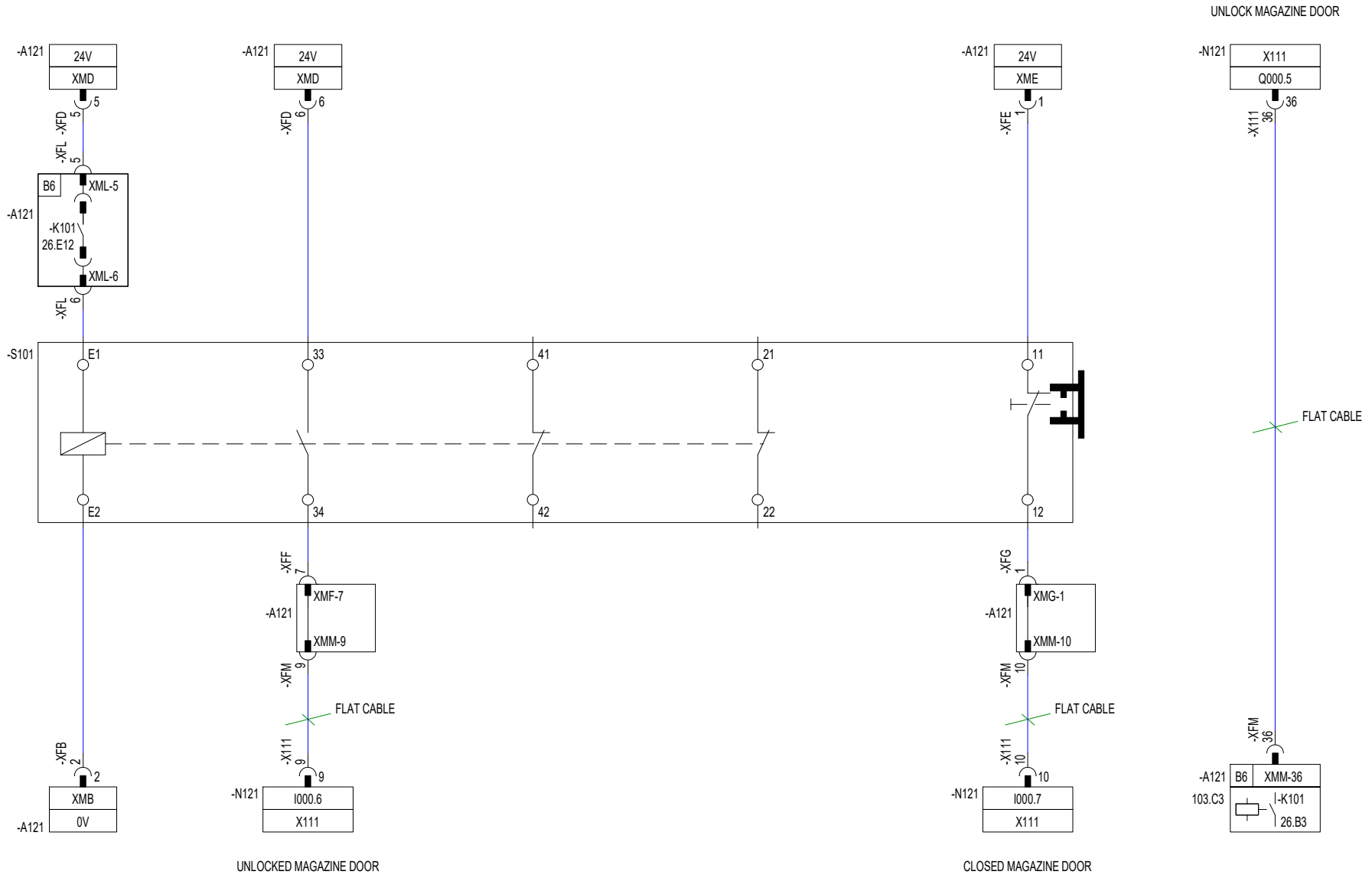


NOTE:

(1) THE SOLENOID IS ALWAYS ENERGIZED TO UNLOCK.

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	OPERATOR`S DOOR		
ROMI®	DESIGNED	FERNANDO	11/09/2013
	DRAWER	ANDREW	11/09/2013
	CONTROLLED	VILALTA	11/09/2013
PROJECTION	SIZE		
	A3		
REFERENCE	SHEET	SCALE	APPLICATION
ROMI DCM	25		ROMI DCM 620-5X V3.0
N° U14186D			



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

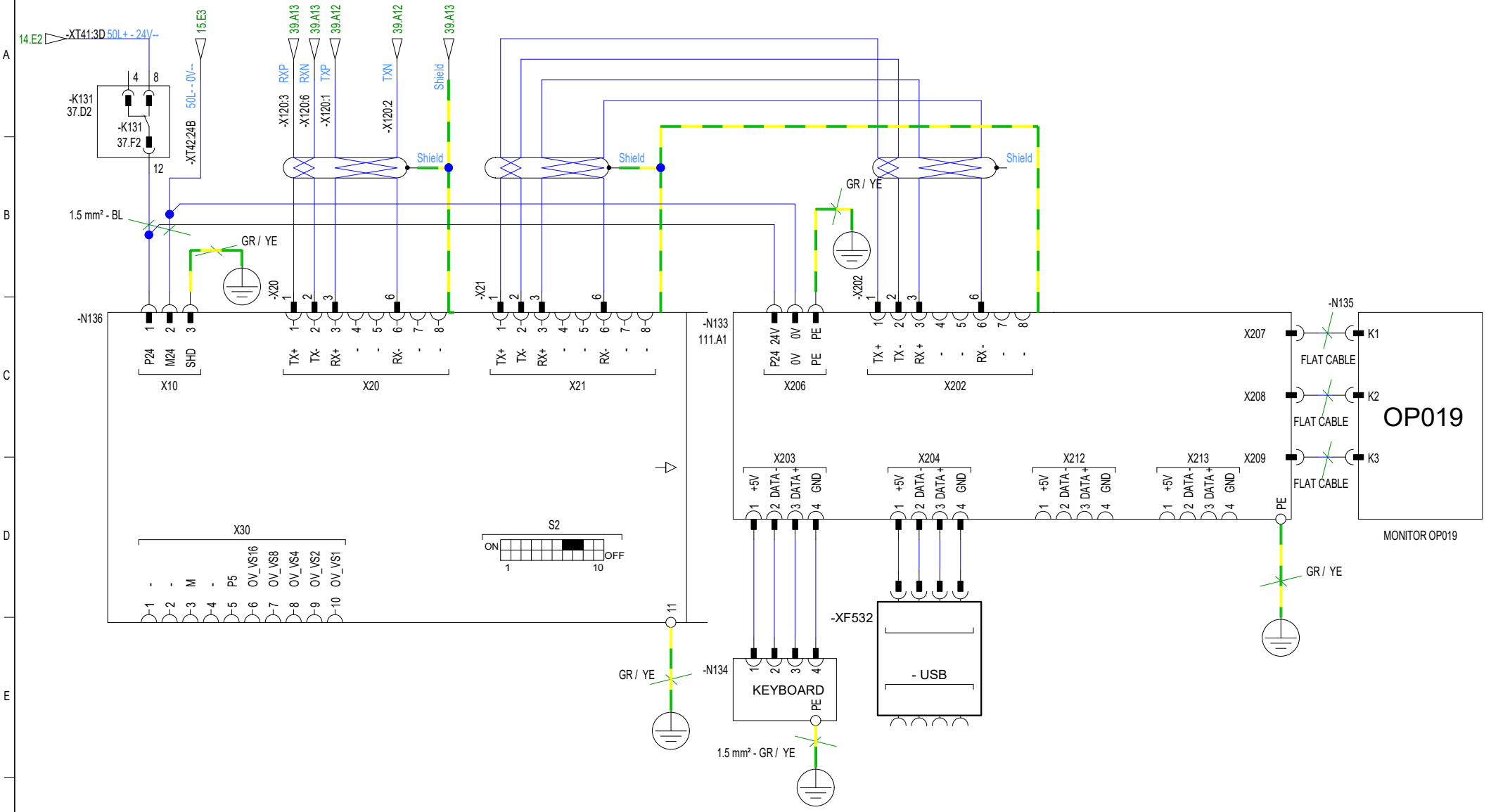
DESCRIPTION: MAINTENANCE DOOR MAGAZINE

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	
CONTROLLED	VILALTA	11/09/2013	

SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	26		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

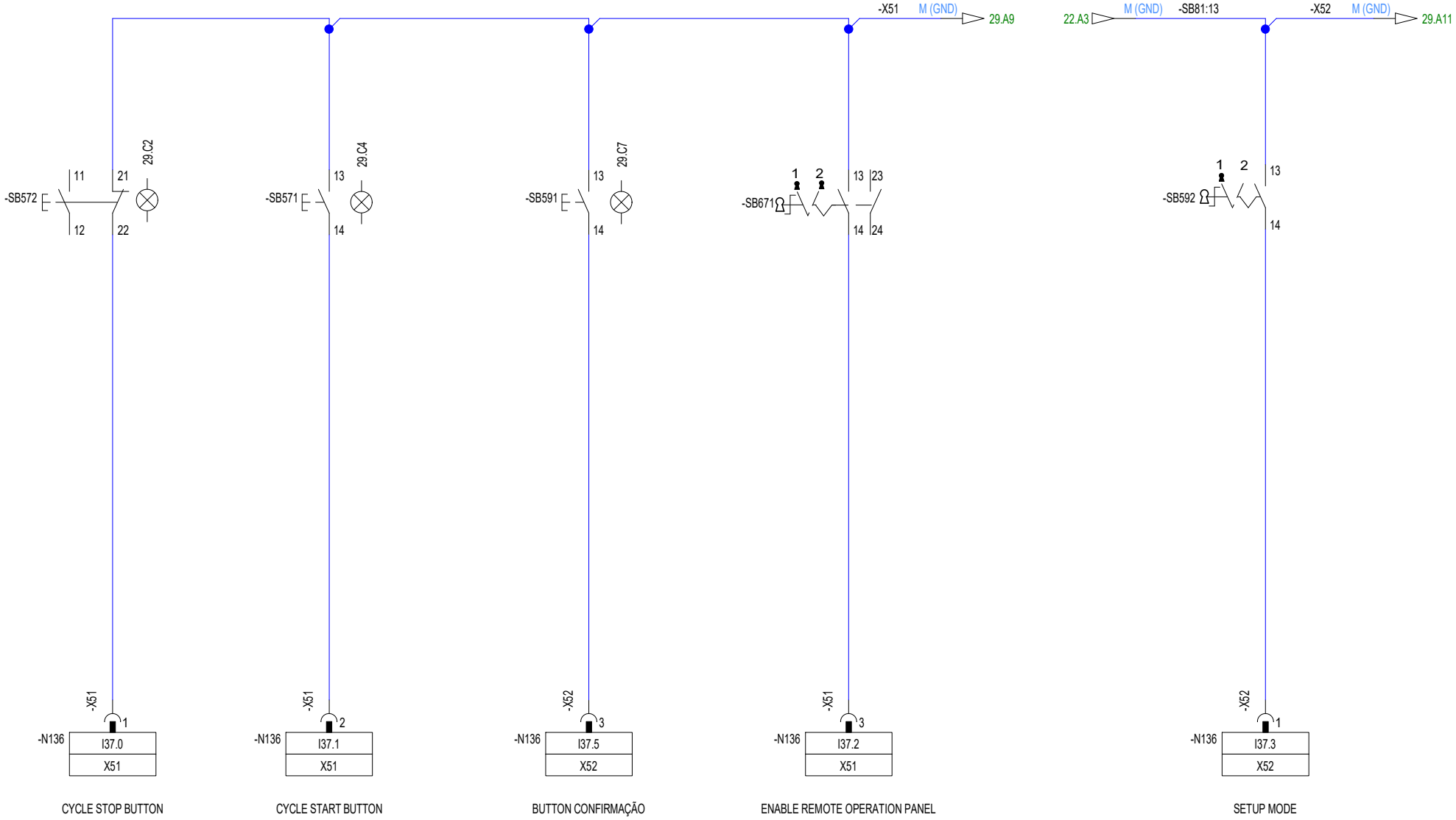
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: OPERATOR'S PANEL

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	27		ROMI DCM 620-5X V3.0	U14186D



CYCLE STOP BUTTON

CYCLE START BUTTON

BUTTON CONFIRMAÇÃO

ENABLE REMOTE OPERATION PANEL

SETUP MODE

REL.	MODIFICATION	MODIF.	APROV.	DATE

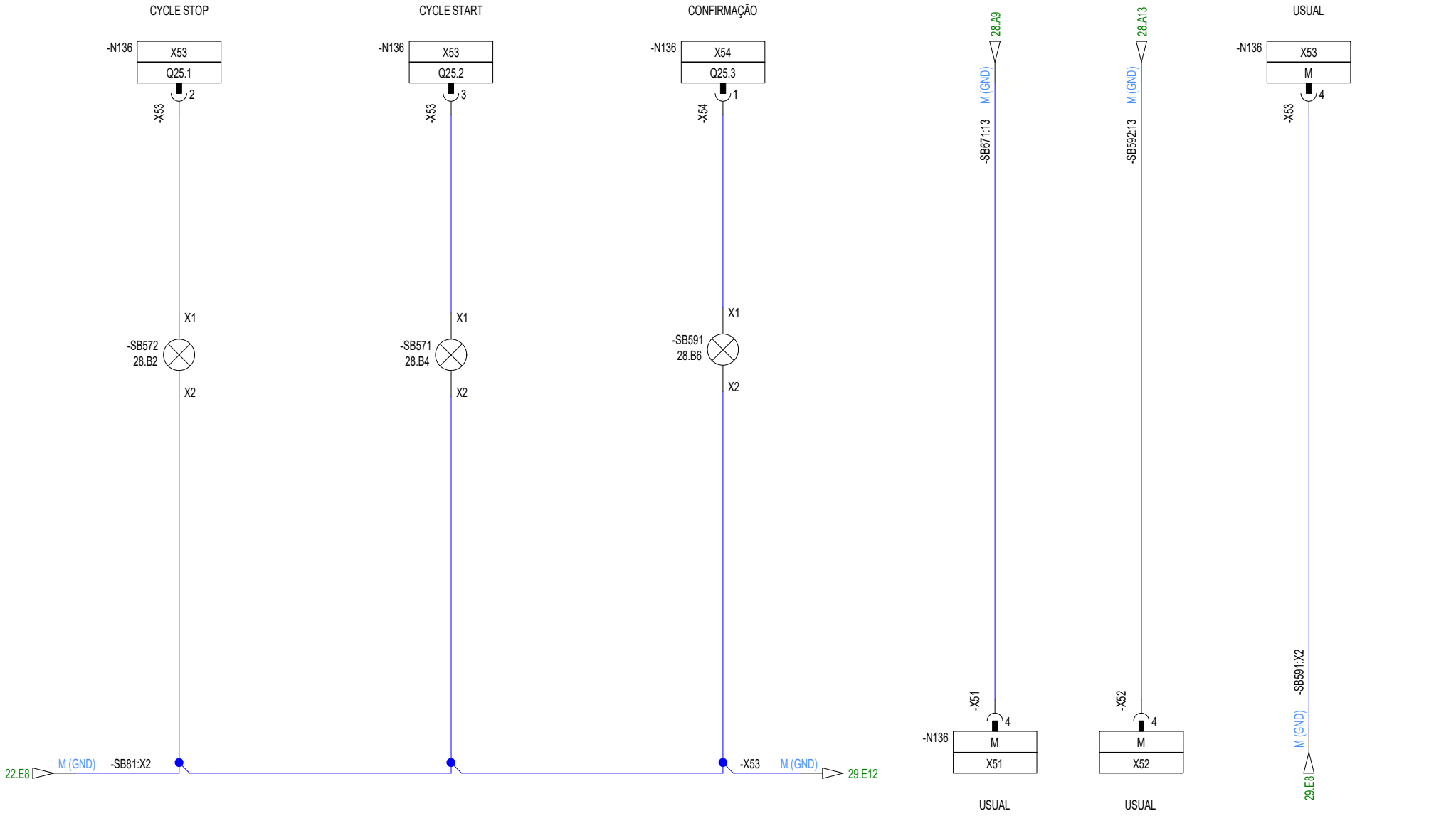
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: OPERATOR'S PANEL

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

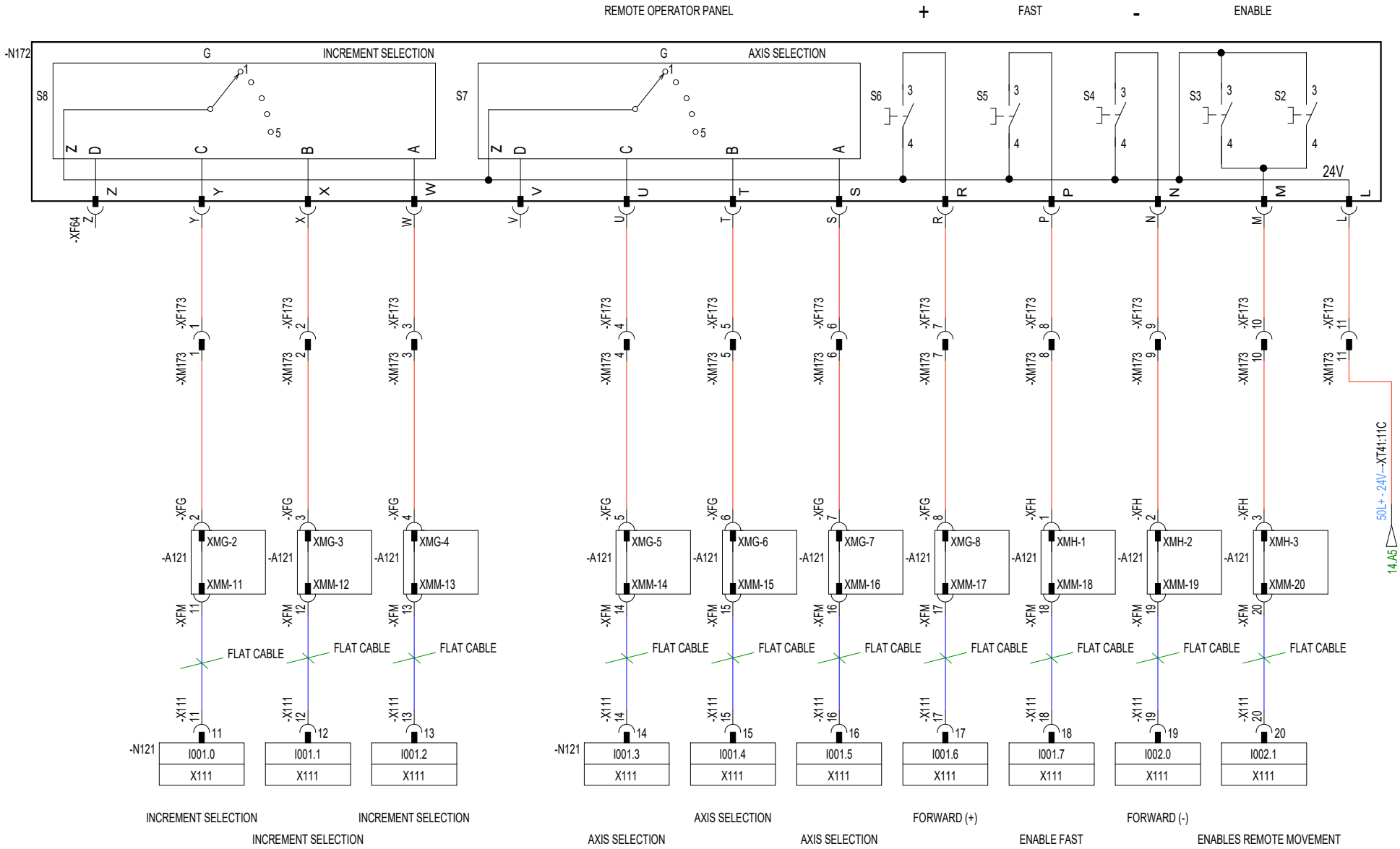
REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	28		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	OPERATOR'S PANEL			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE A3
	DRAWER	ANDREW	11/09/2013	
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 29	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	REMOTE OPERATOR PANEL			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE A3
	DRAWER	ANDREW	11/09/2013	
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 30	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D

MCP 483C PN

31.B6

X31

1	2	3	4	5	6	7	8	9	10
-	-	M	-	P5	OV_VS16	OV_VS8	OV_VS4	OV_VS2	OV_VS1

MCP 483C PN

31.B4

31.B10

X60

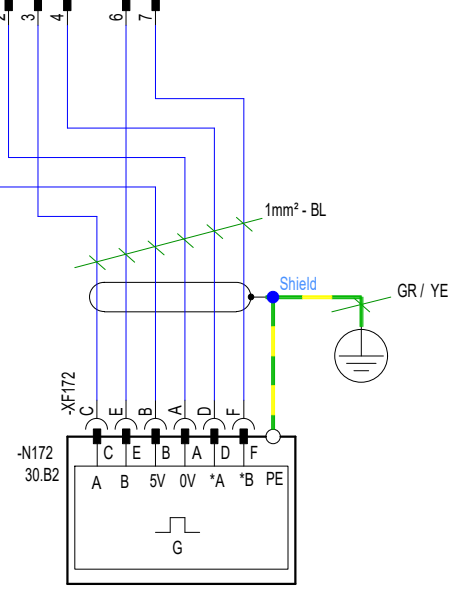
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
P5HW	M	HW1_A	HW1_XA	-	HW1_B	HW1_XB	-	P5HW	-	M	-	-	-	-

MCP 483C PN

31.B9

X61

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
P5HW	M	HW1_A	HW1_XA	-	HW1_B	HW1_XB	-	P5HW	-	M	-	-	-	-



HANDWHEEL

REL.	MODIFICATION	MODIF.	APROV.	DATE

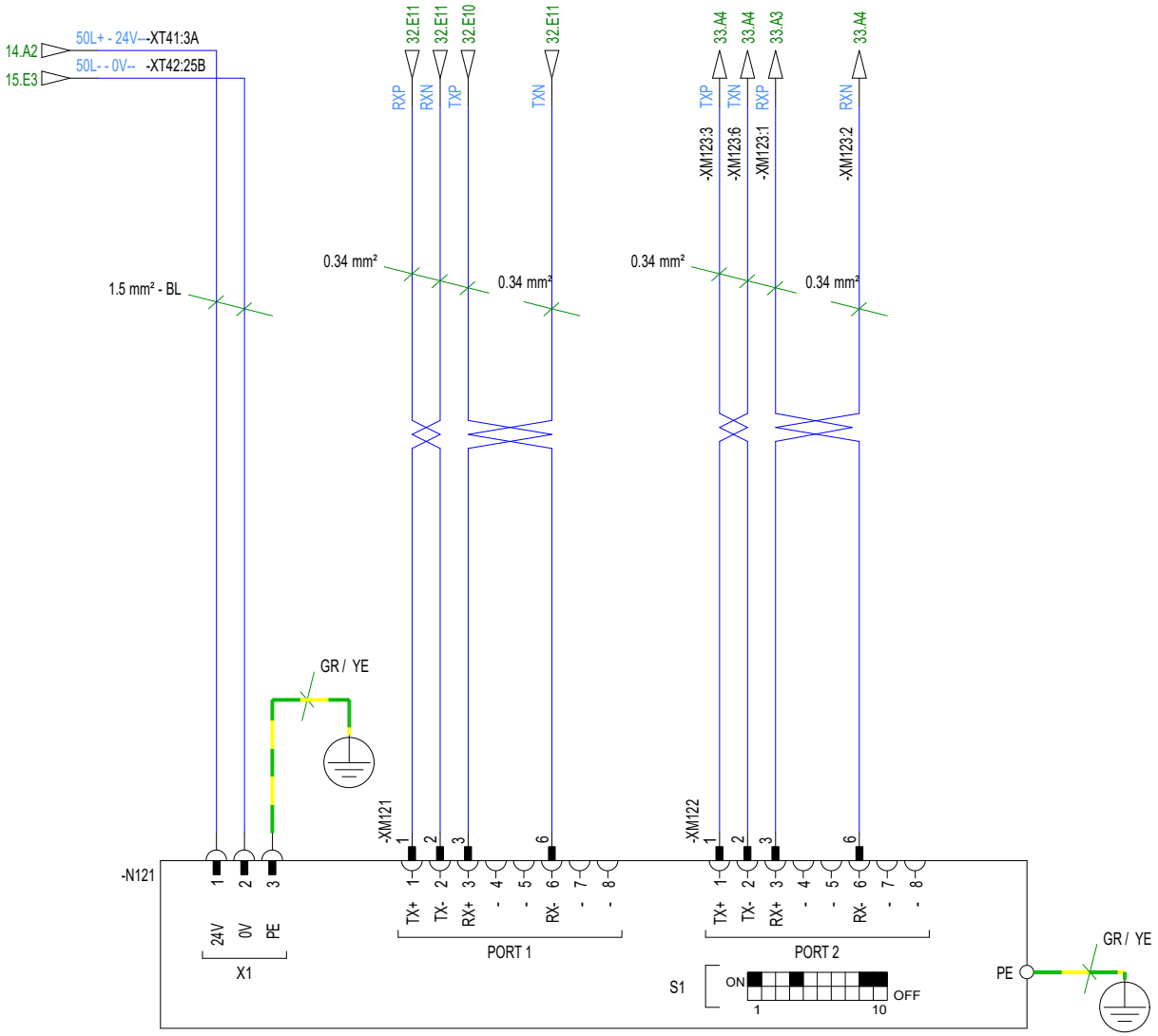
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: REMOTE OPERATOR PANEL

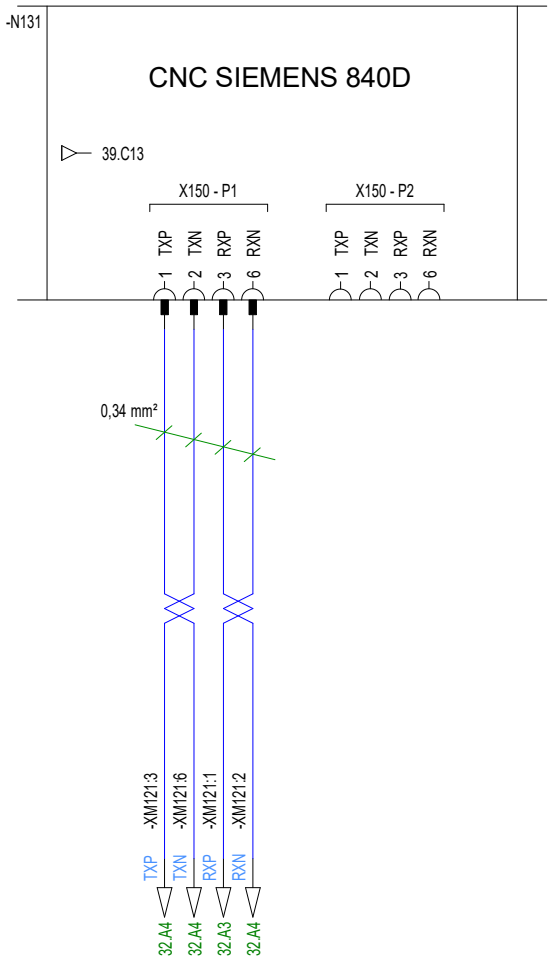
ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	31		ROMI DCM 620-5X V3.0	U14186D



INPUT / OUTPUT MODULE



REL.	MODIFICATION	MODIF.	APROV.	DATE

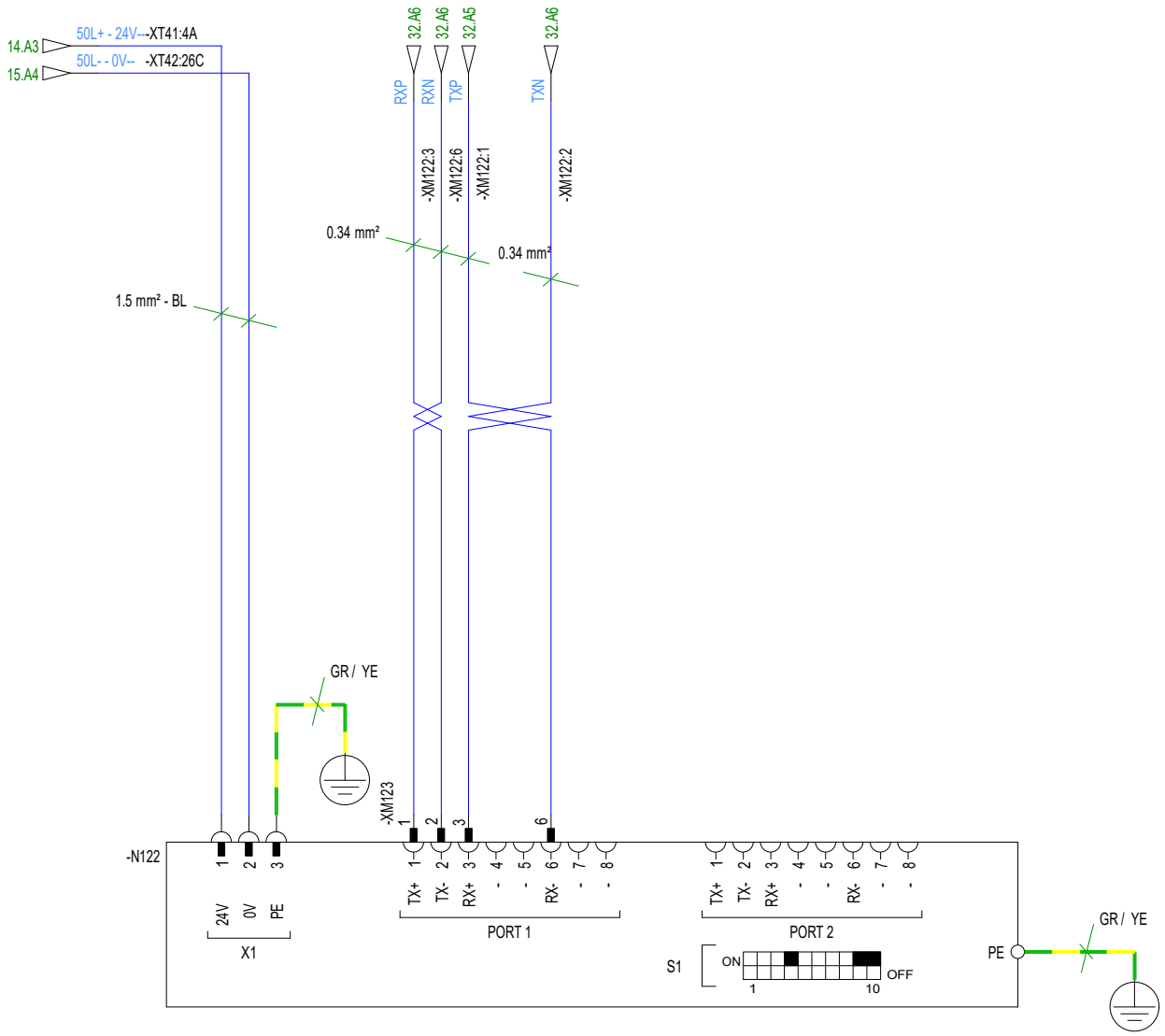
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: I/O MODULE

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	32		ROMI DCM 620-5X V3.0	U14186D

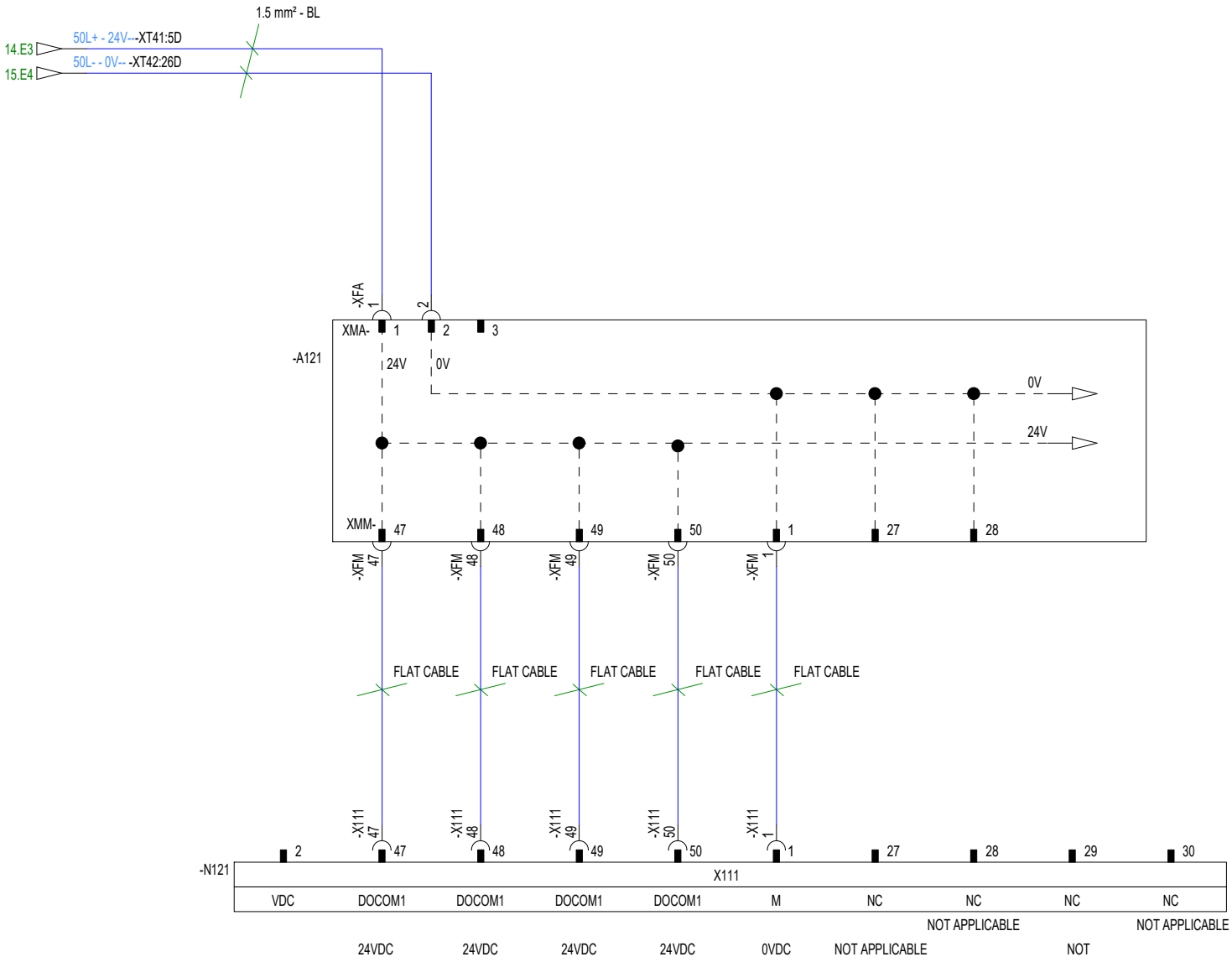


INPUT / OUTPUT MODULE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

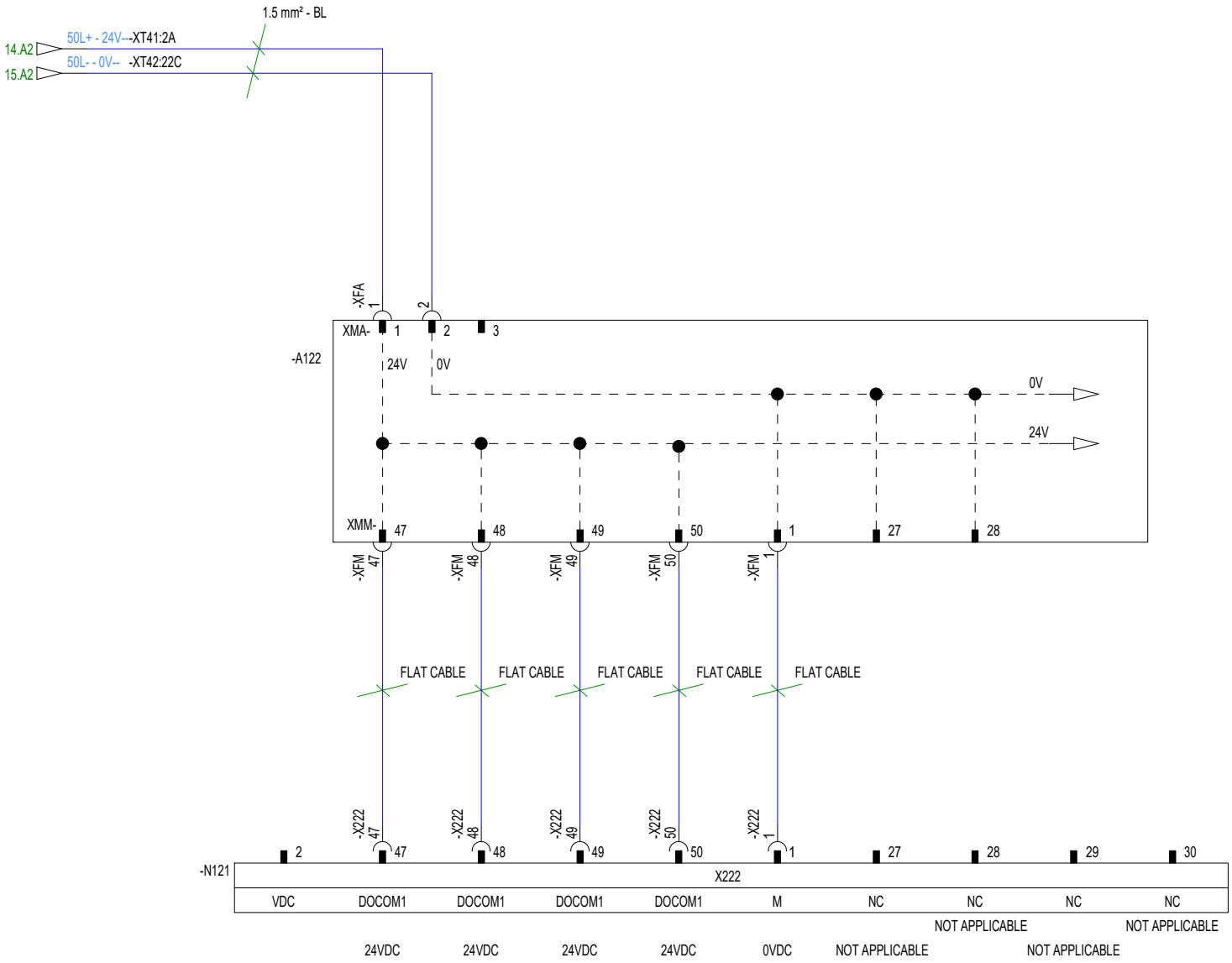
DESCRIPTION	I/O MODULE		
ROMI®	DESIGNED	FERNANDO	11/09/2013
	DRAWER	ANDREW	11/09/2013
	CONTROLLED	VILALTA	11/09/2013
PROJECTION	SIZE		
	A3		
REFERENCE	SHEET	SCALE	APPLICATION
ROMI DCM	33		ROMI DCM 620-5X V3.0

N° U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	I/O MODULE		
ROMI®	DESIGNED	FERNANDO	11/09/2013
	DRAWER	ANDREW	11/09/2013
	CONTROLLED	VILALTA	11/09/2013
PROJECTION	SIZE	A3	
REFERENCE ROMI DCM	SHEET 34	SCALE	APPLICATION ROMI DCM 620-5X V3.0
N° U14186D			



REL.	MODIFICATION	MODIF.	APROV.	DATE

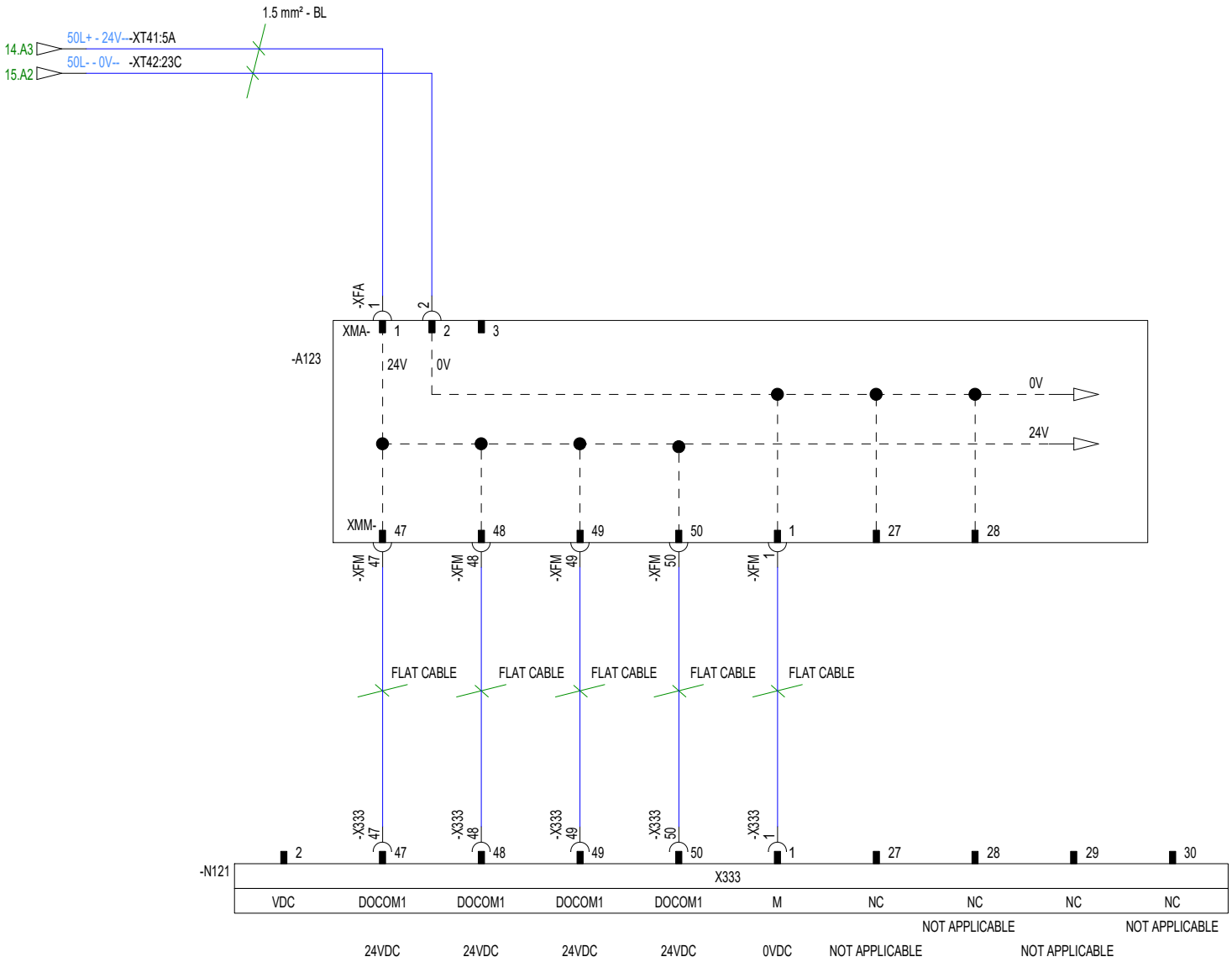
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: I/O MODULE

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	35		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

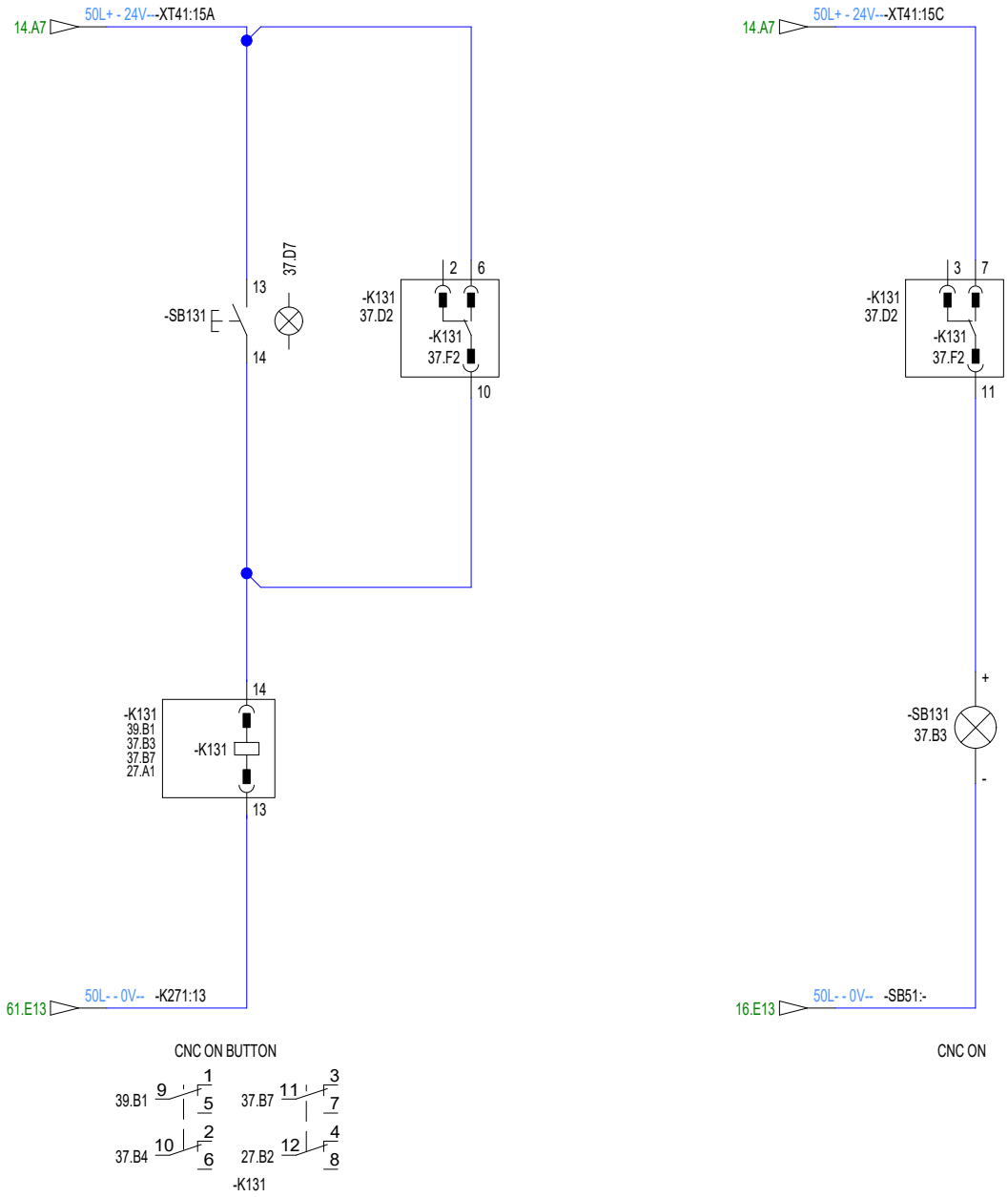
DESCRIPTION: I/O MODULE

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	36		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: CNC

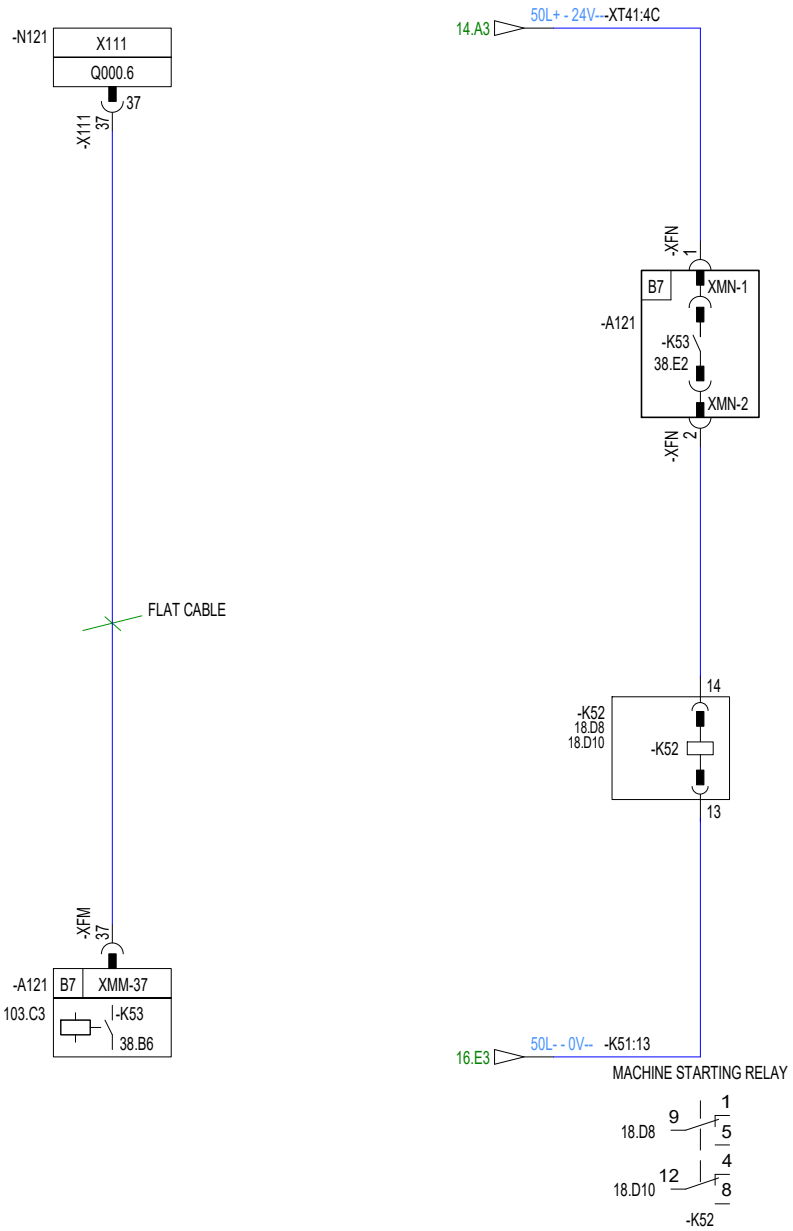
ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	37		ROMI DCM 620-5X V3.0	U14186D

MACHINE POWER ON / CNC OK



REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

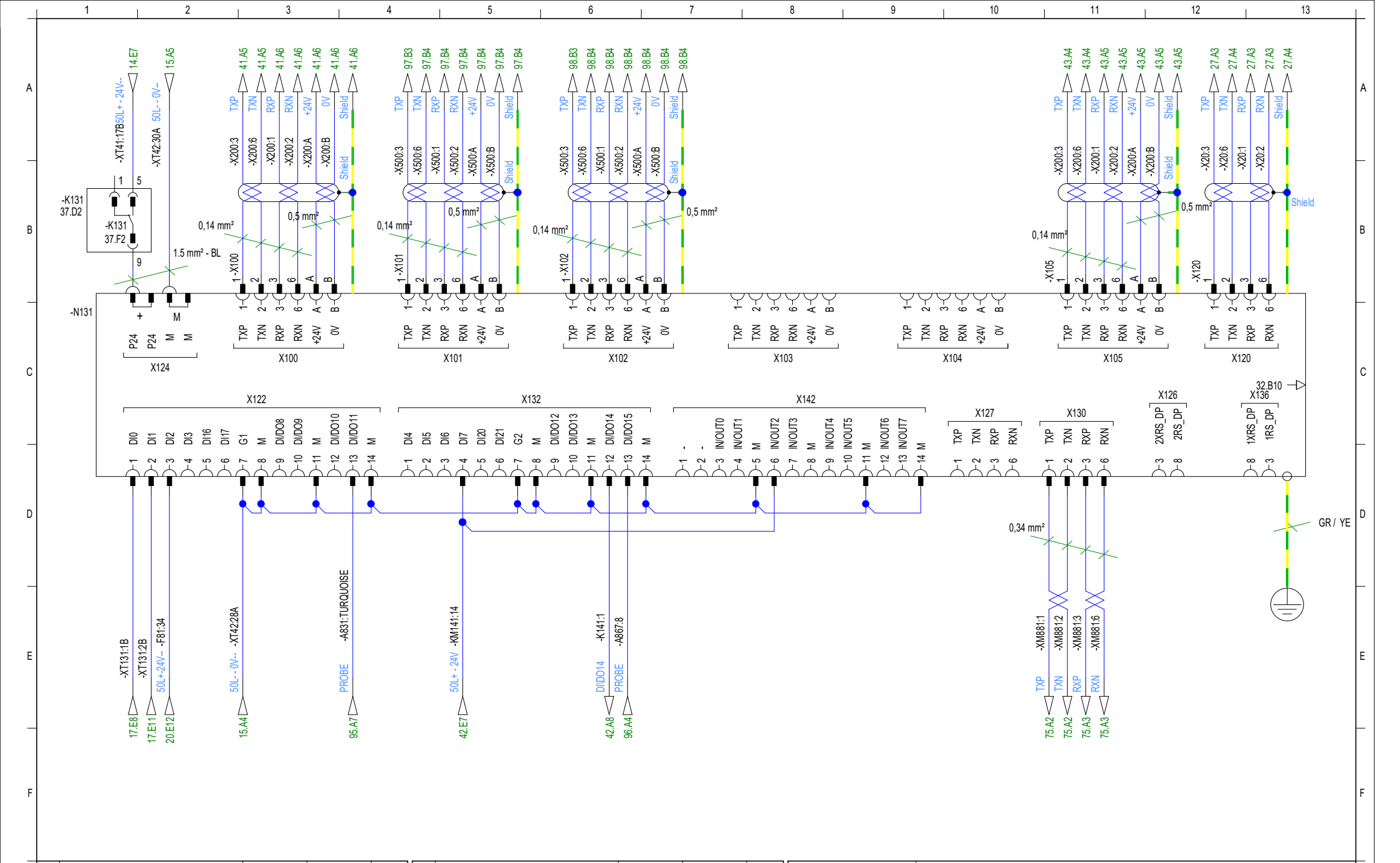
DESCRIPTION: CNC

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

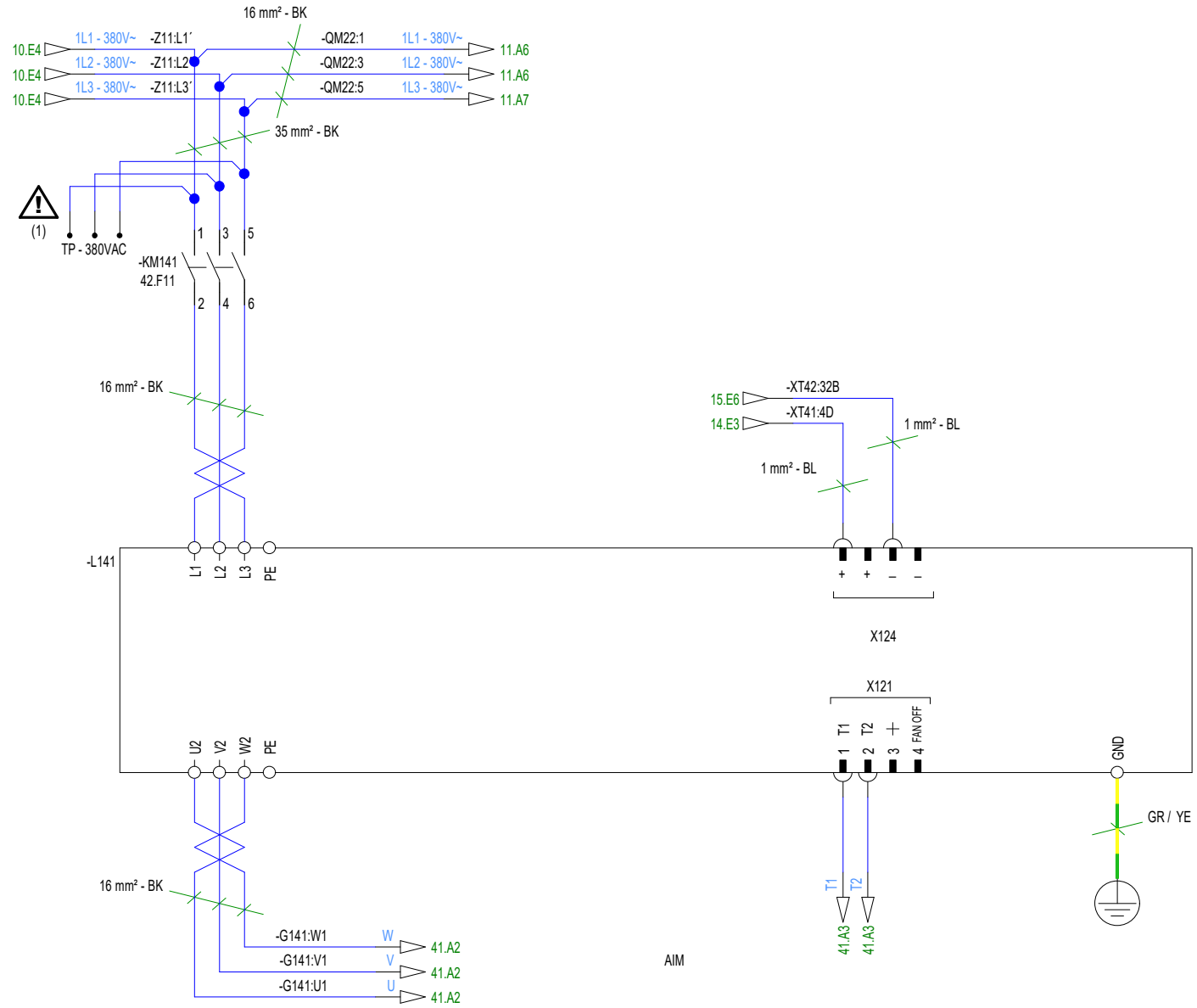
PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	38		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	CNC				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 39	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	



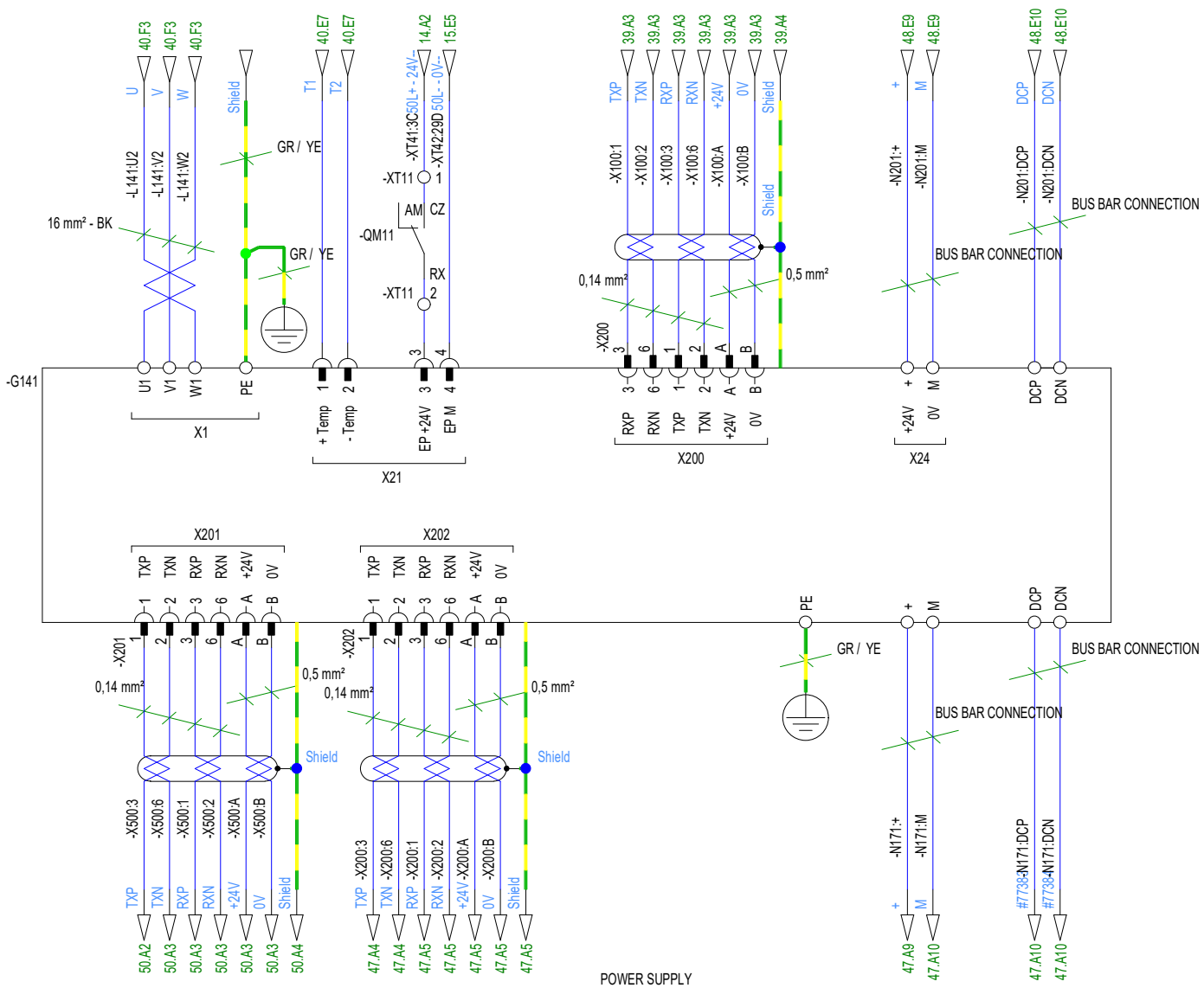
NOTE:

(1) TP - TEST POINT

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	DRIVES POWER SUPPLY				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 40	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	



REL.	MODIFICATION	MODIF.	APROV.	DATE

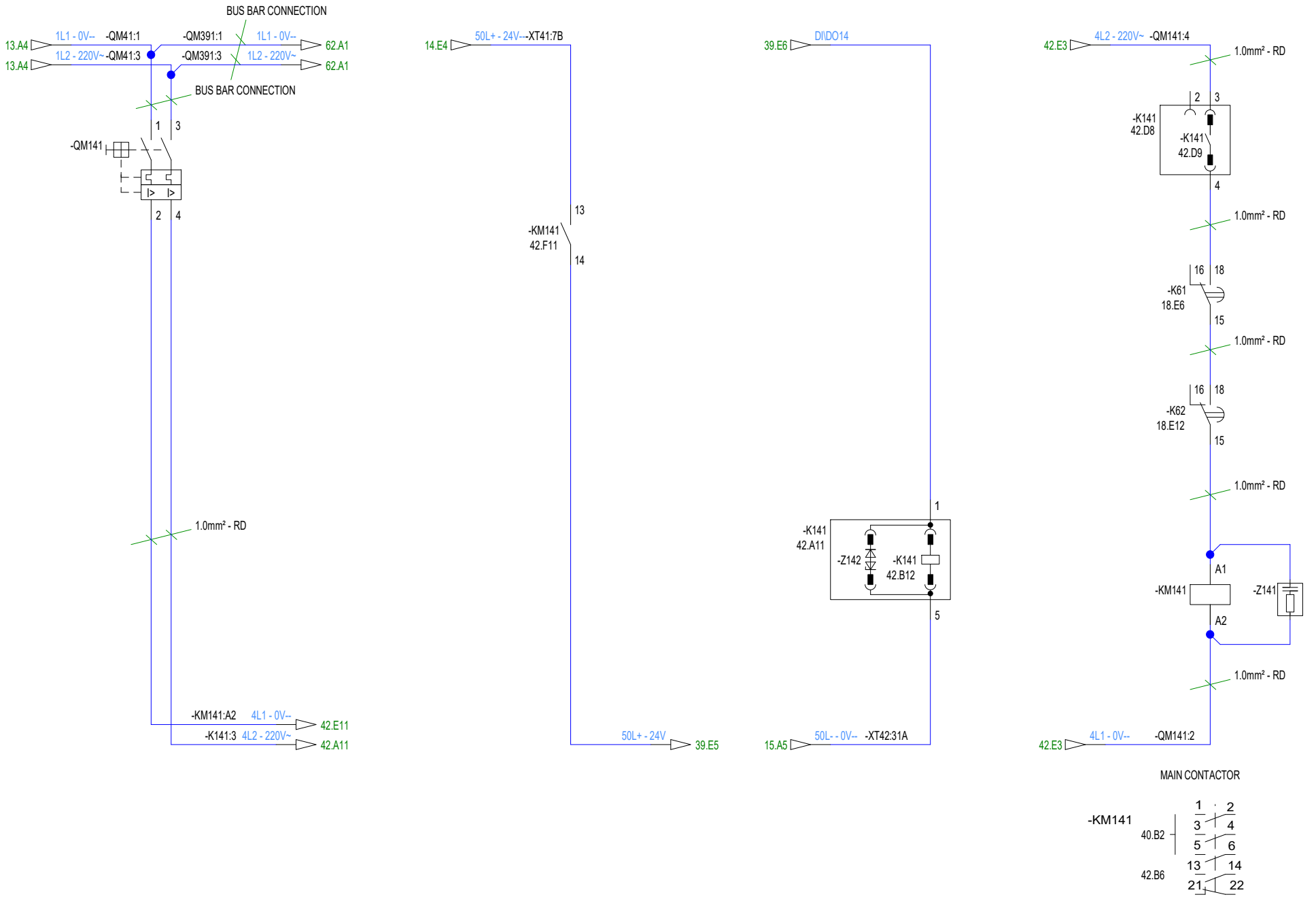
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: DRIVES POWER SUPPLY

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

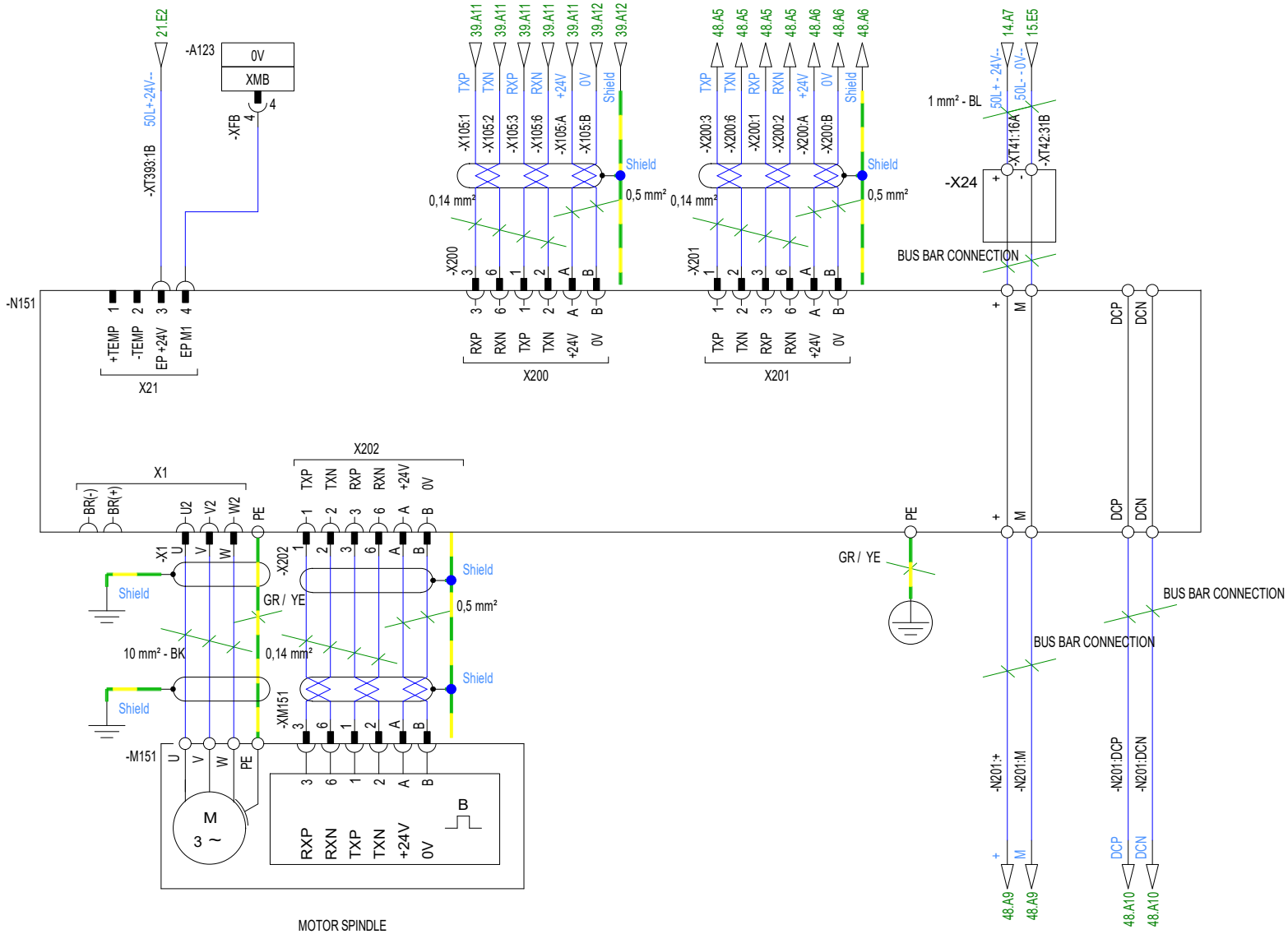
REFERENCE	SHEET	SCALE	APPLICATION	N°
ROMI DCM	41		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

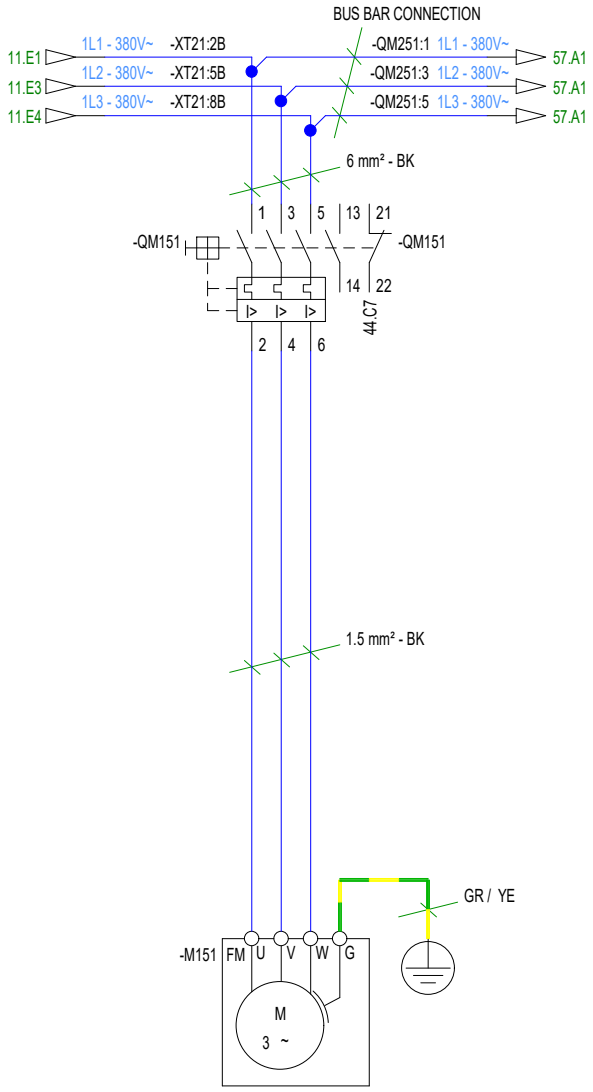
DESCRIPTION	DRIVES POWER SUPPLY			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE
	DRAWER	ANDREW	11/09/2013	A3
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 42	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D



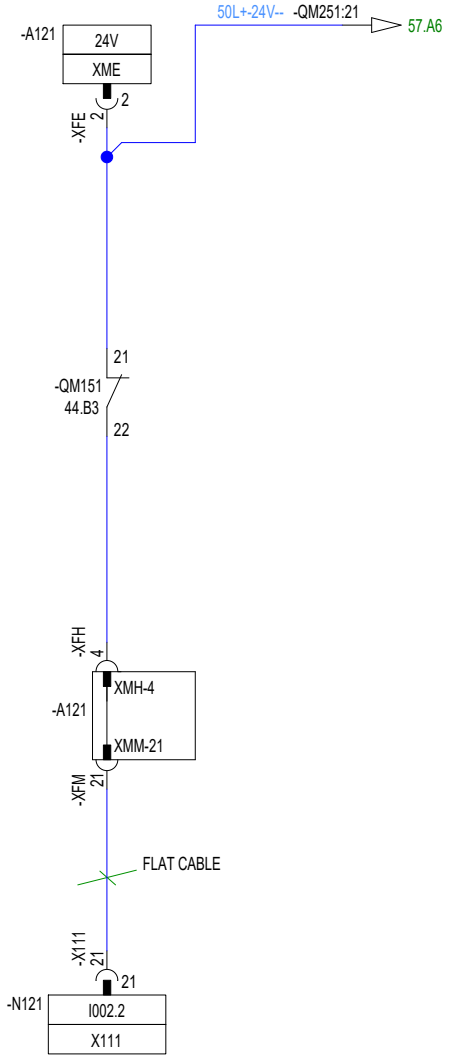
MOTOR SPINDLE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	SPINDLE		
ROMI®	DESIGNED	FERNANDO	11/09/2013
	DRAWER	ANDREW	11/09/2013
	CONTROLLED	VILALTA	11/09/2013
PROJECTION	SIZE		
	A3		
REFERENCE ROMI DCM	SHEET 43	SCALE	APPLICATION ROMI DCM 620-5X V3.0
N° U14186D			



SPINDLE MOTOR BLOWER



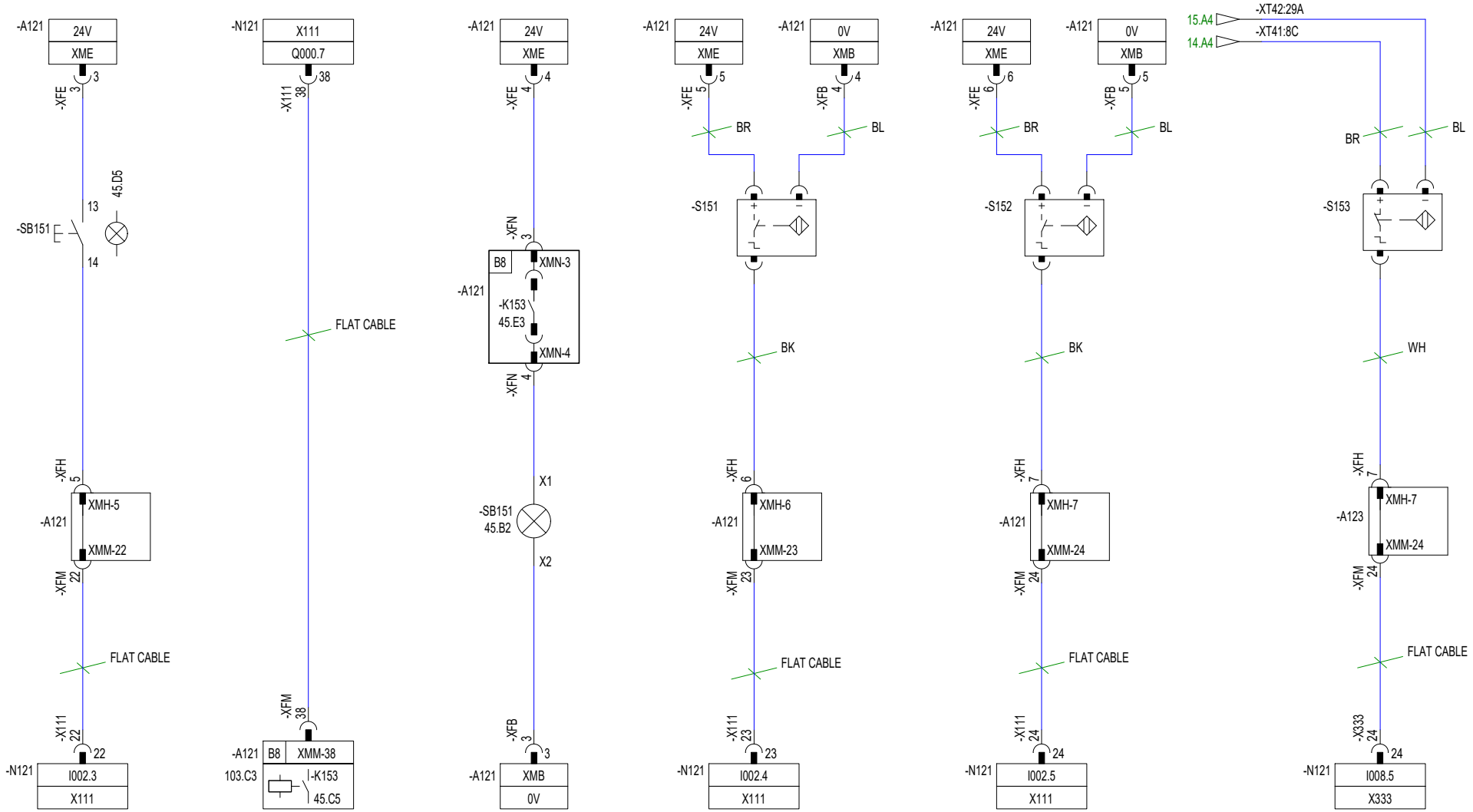
MAIN SPINDLE FAN MOTOR OVERLOAD

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	SPINDLE			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE
	DRAWER	ANDREW	11/09/2013	A3
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 44	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D

UNCLAMP TOOL - WORK LIGHT



TOOL UNLOCK BUTTON

TOOL UNCLAMPED SENSOR - SPINDLE

TOOL CLAMPED SENSOR - SPINDLE

TOOL SENSOR OK - SPINDLE

REL.	MODIFICATION	MODIF.	APROV.	DATE

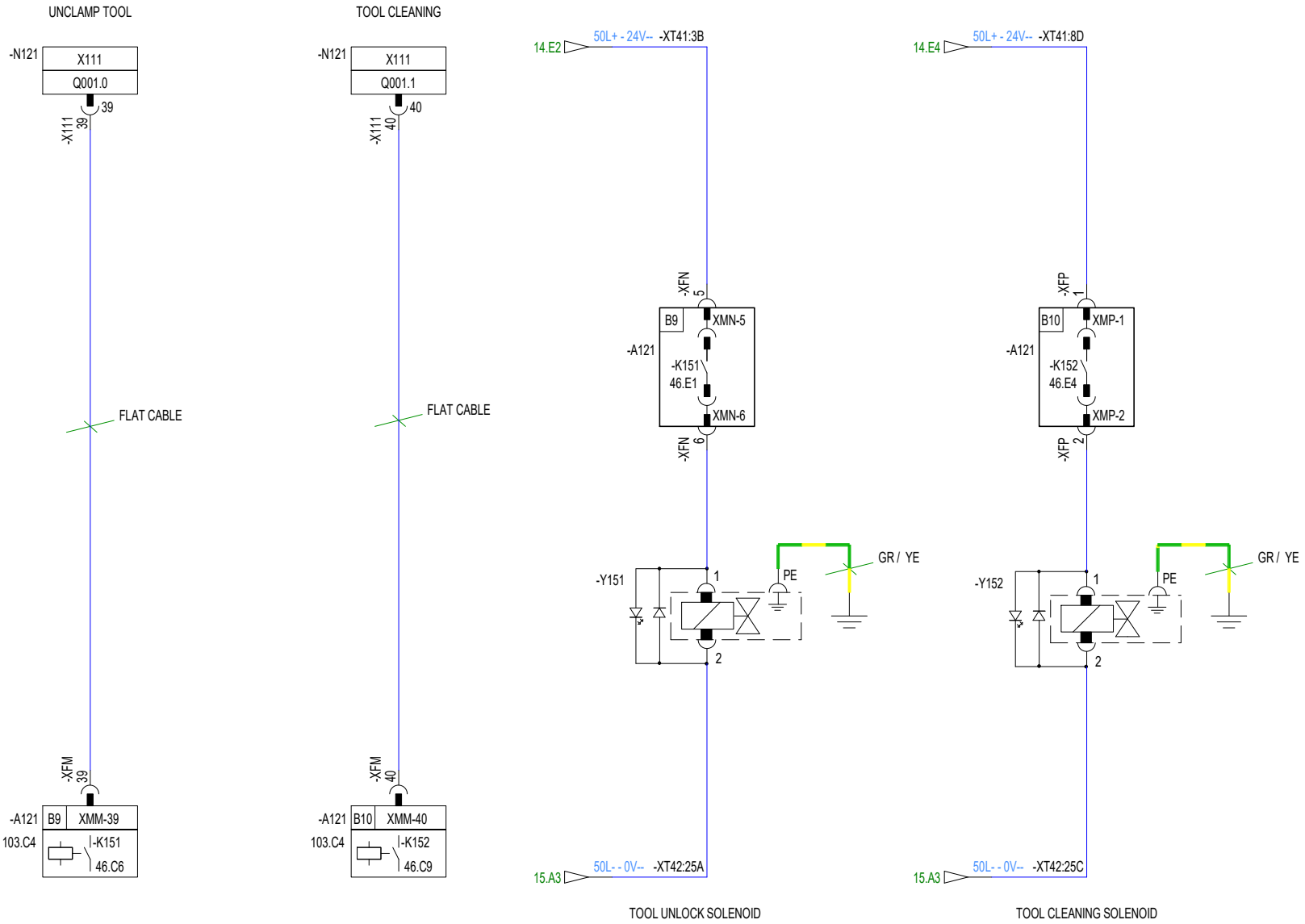
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: SPINDLE

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	45		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

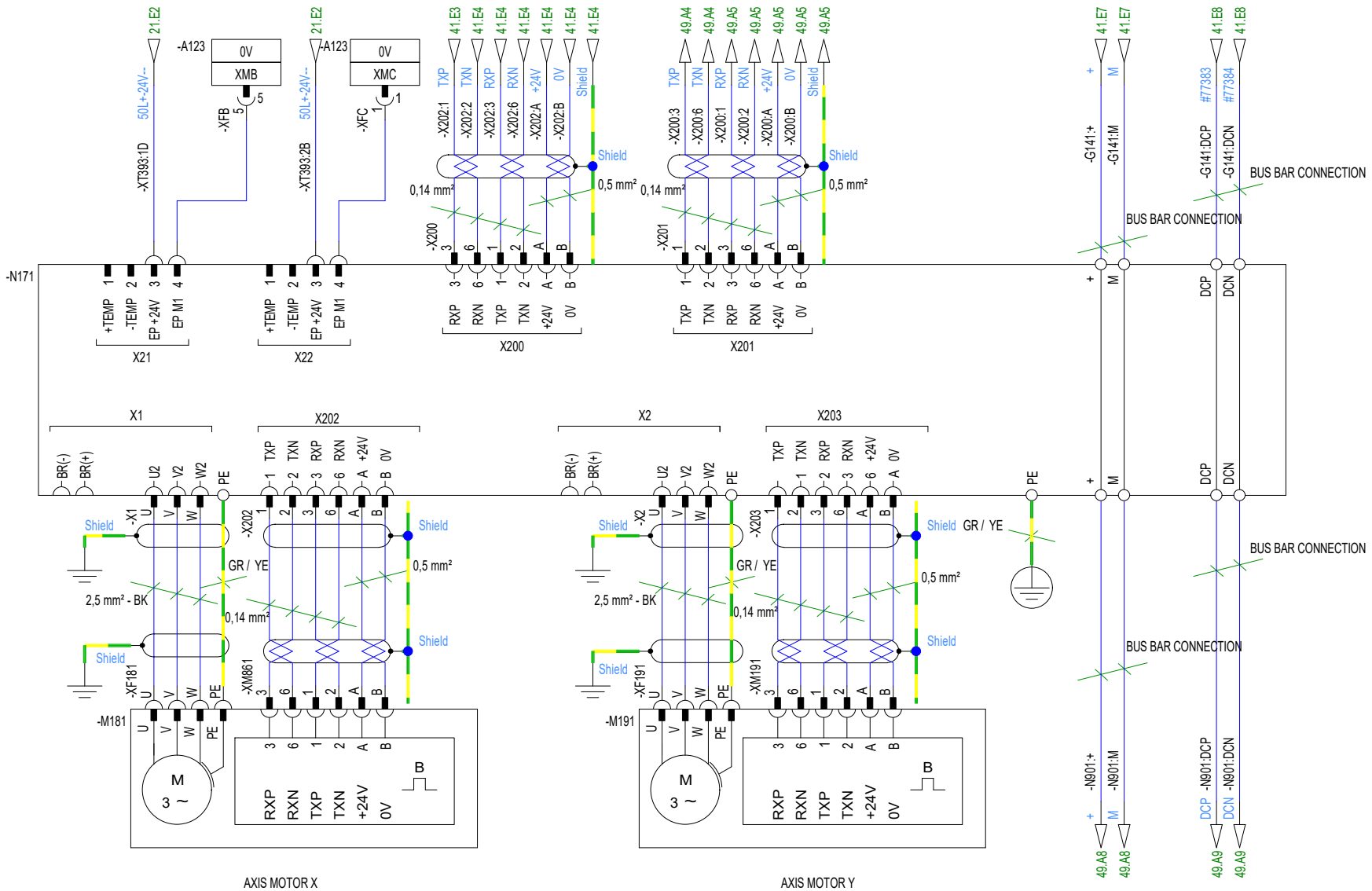
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: SPINDLE

ROMI®

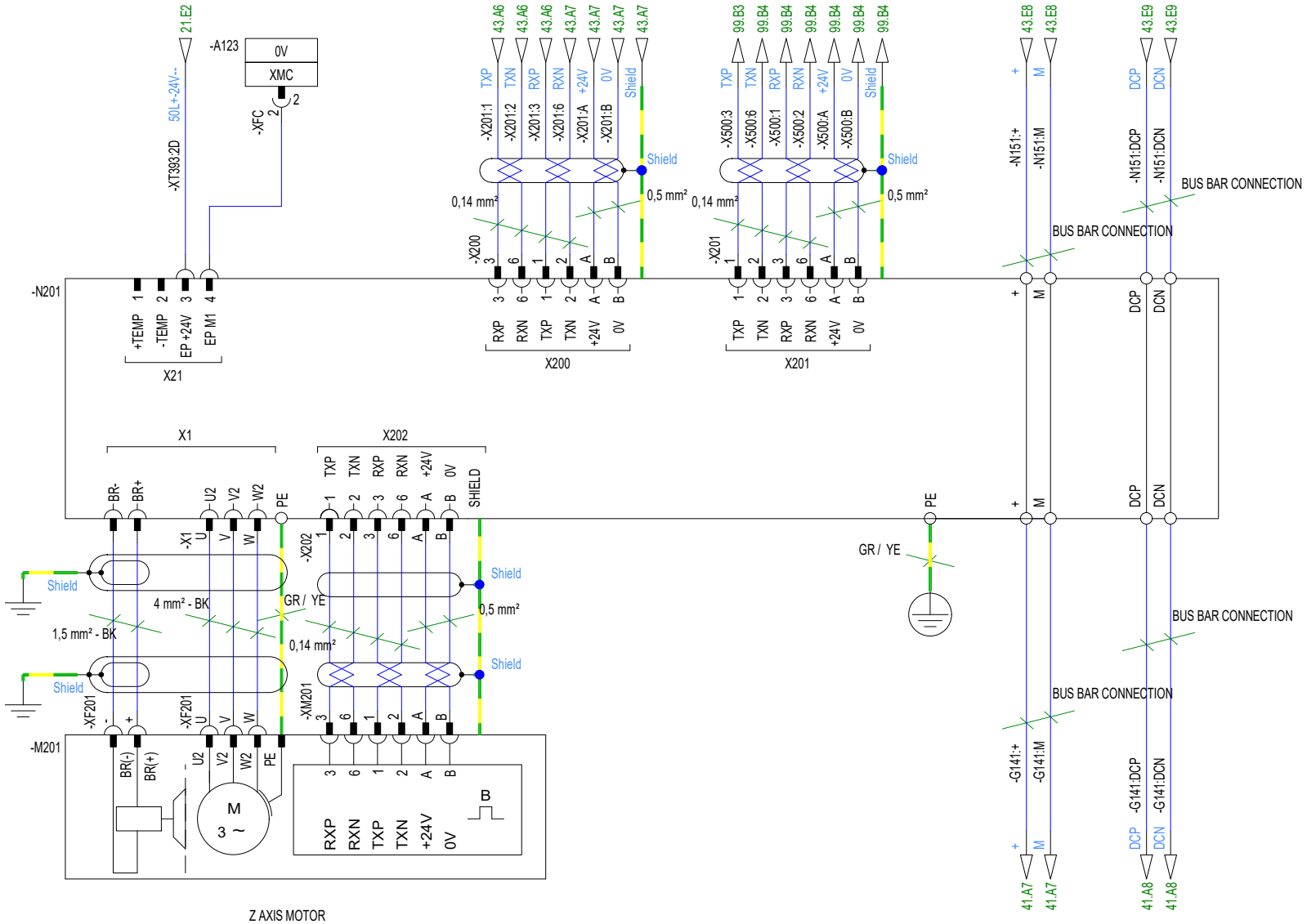
DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	46		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	AXES DRIVES - X/Y		
ROMI®	DESIGNED	FERNANDO	11/09/2013
	DRAWER	ANDREW	11/09/2013
	CONTROLLED	VILALTA	11/09/2013
PROJECTION	SIZE		
	A3		
REFERENCE ROMI DCM	SHEET 47	SCALE	APPLICATION ROMI DCM 620-5X V3.0
N° U14186D			



REL.	MODIFICATION	MODIF.	APROV.	DATE

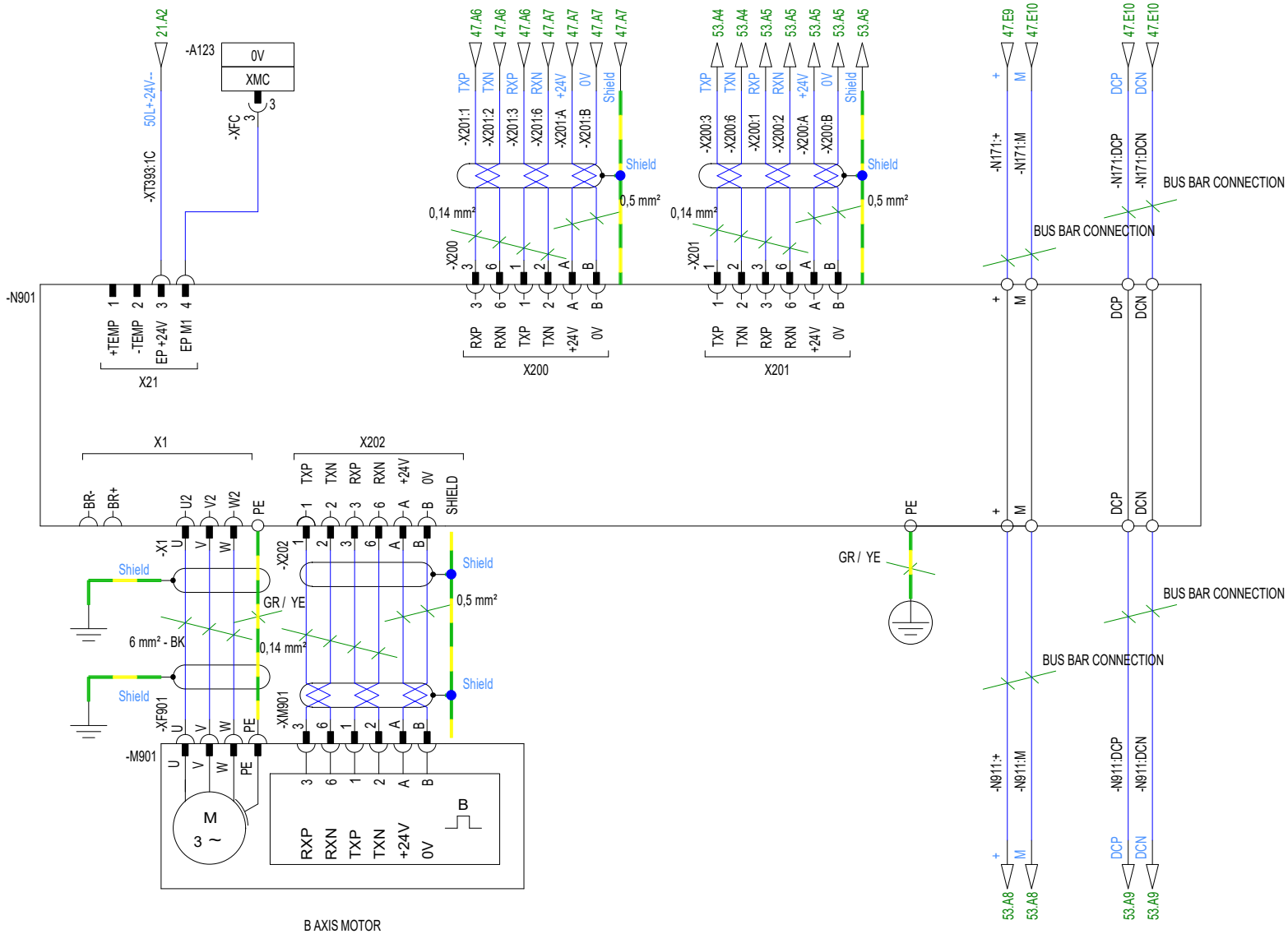
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: AXES DRIVES - Z

ROMI®

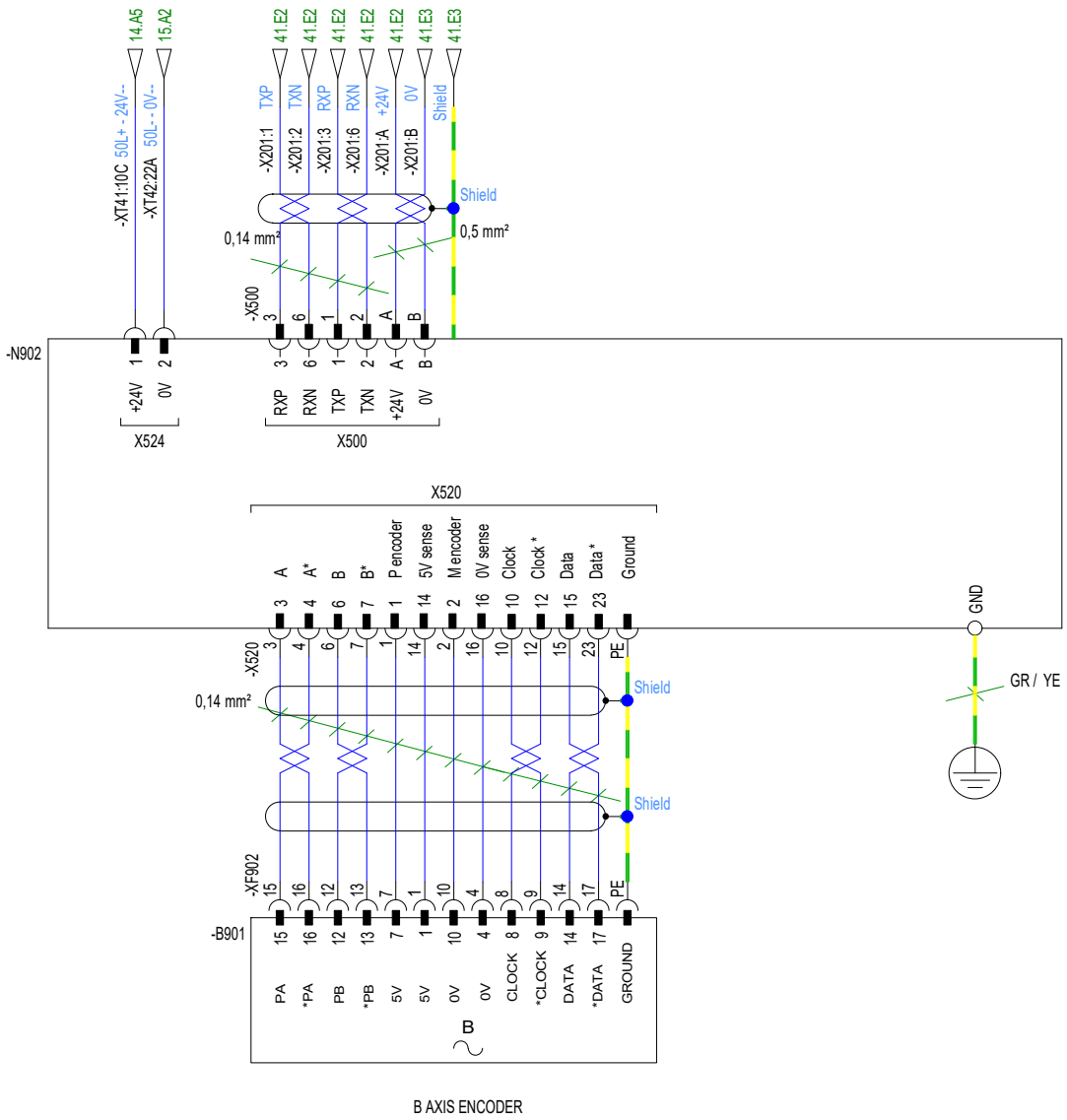
DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	48		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	ROTATING AXIS - B			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE A3
	DRAWER	ANDREW	11/09/2013	
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 49	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D

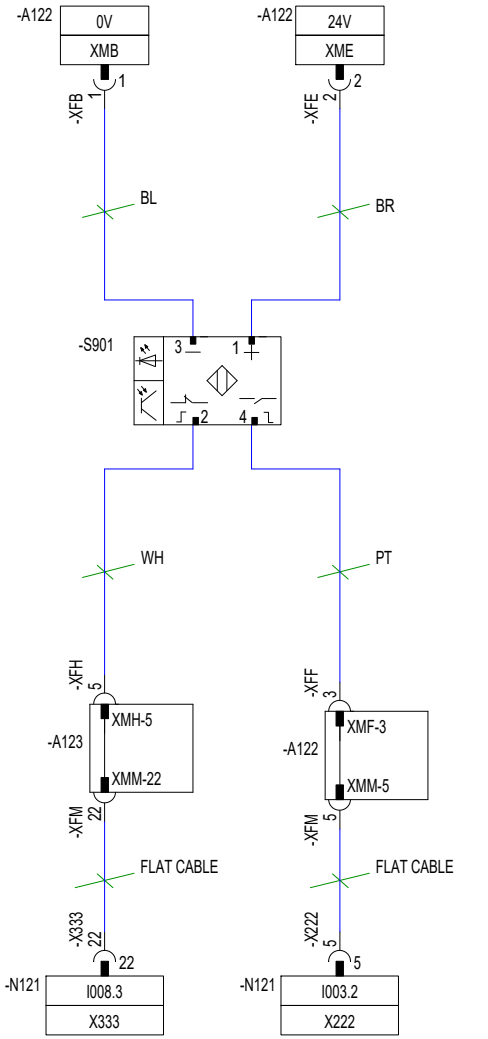


B AXIS ENCODER

REL.	MODIFICATION	MODIF.	APROV.	DATE

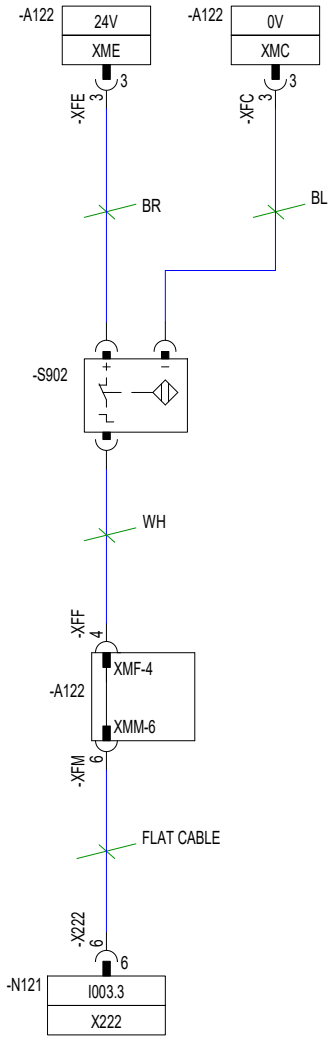
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	ROTATING AXIS - B			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE
	DRAWER	ANDREW	11/09/2013	A3
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 50	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D

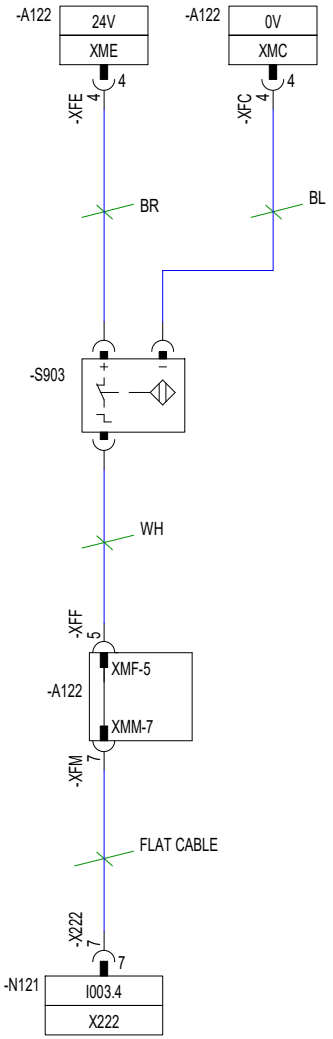


PRESSURE SWITCH EIXO - B - PRESSURE

PRESSURE SWITCH EIXO - B - TRAVADO



SAFETY LIMIT FOR PATH (B+)

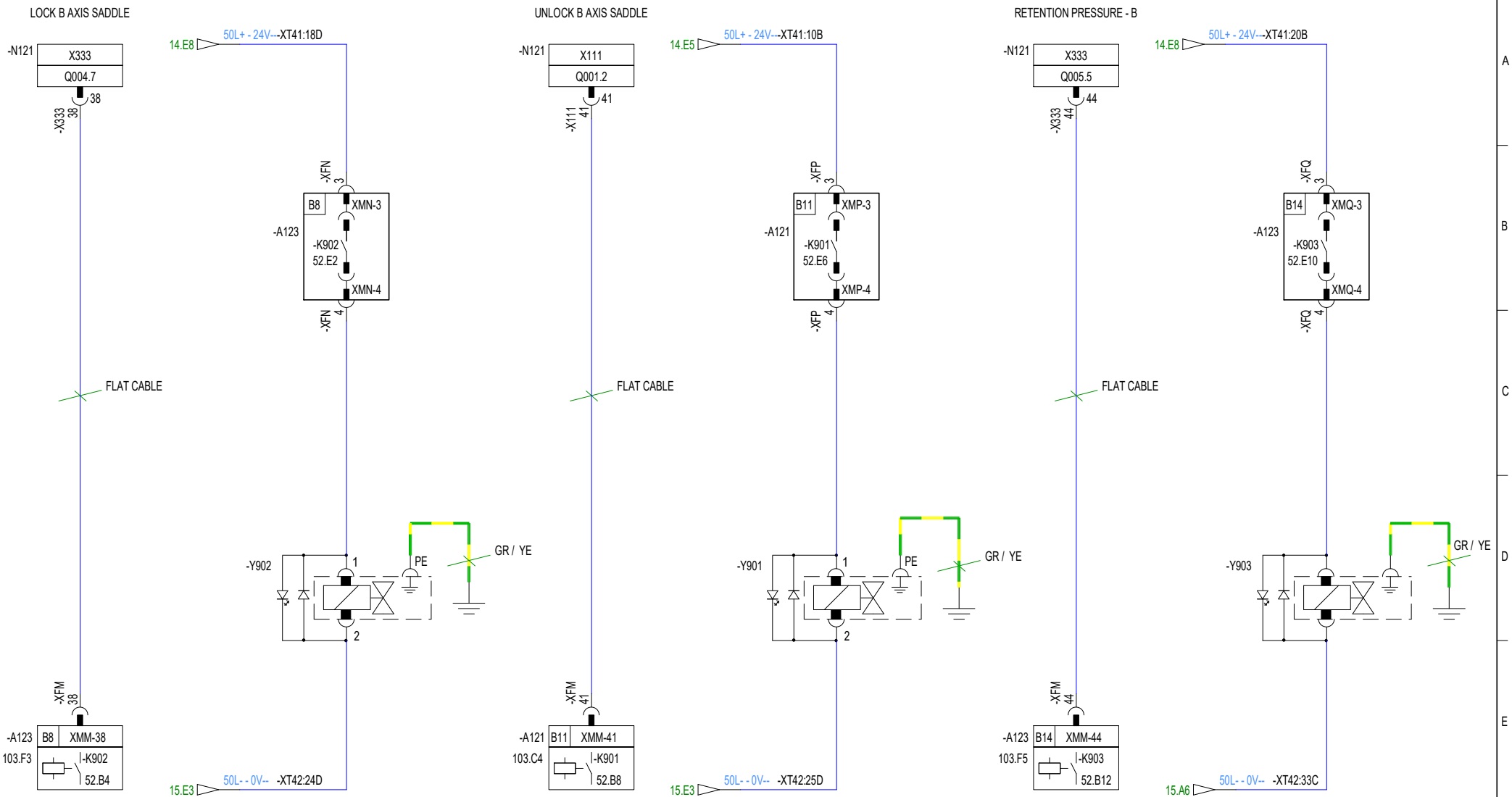


SAFETY LIMIT FOR PATH (B-)

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

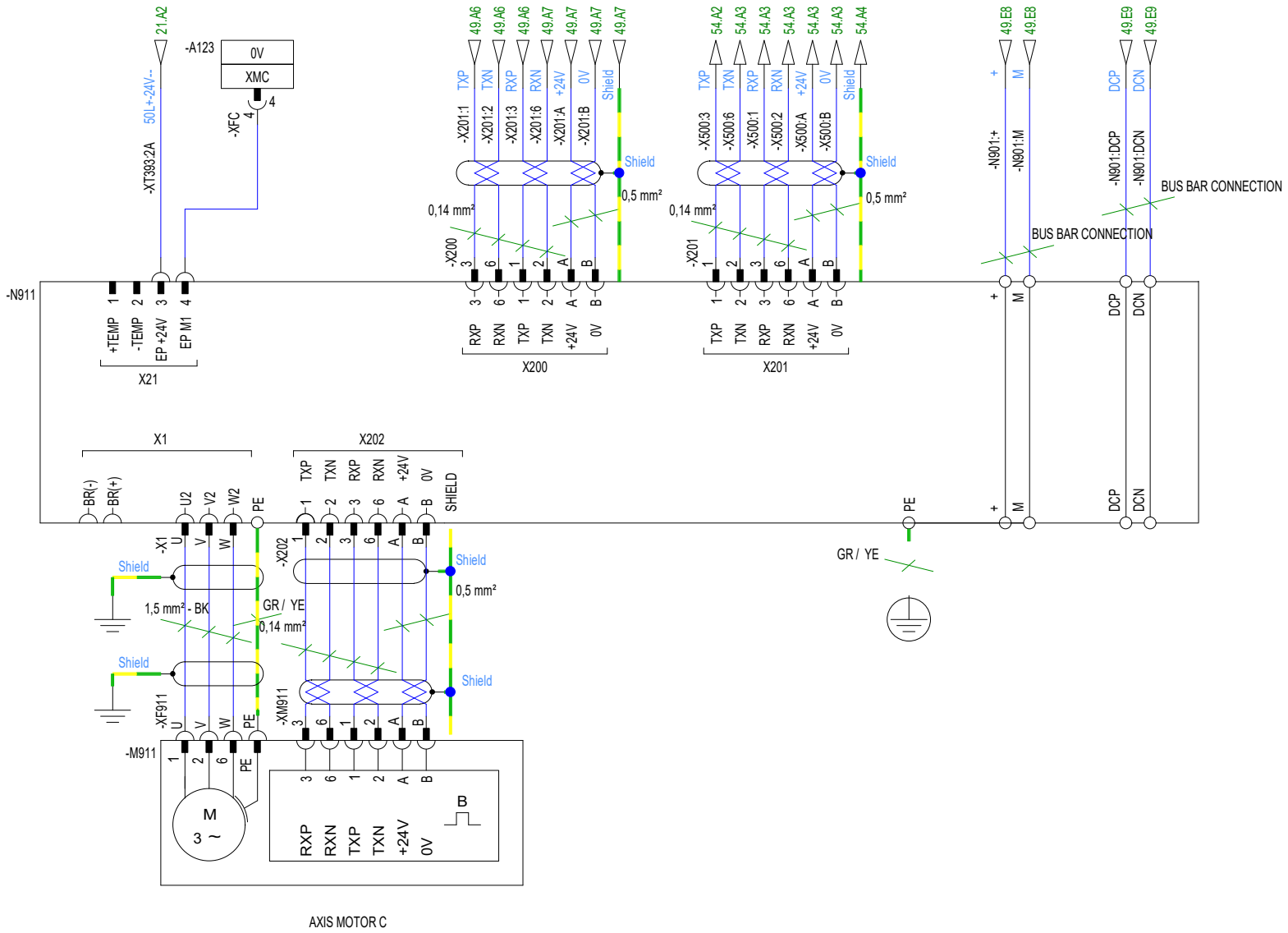
DESCRIPTION	ROTATING AXIS - B			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE
	DRAWER	ANDREW	11/09/2013	A3
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 51	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

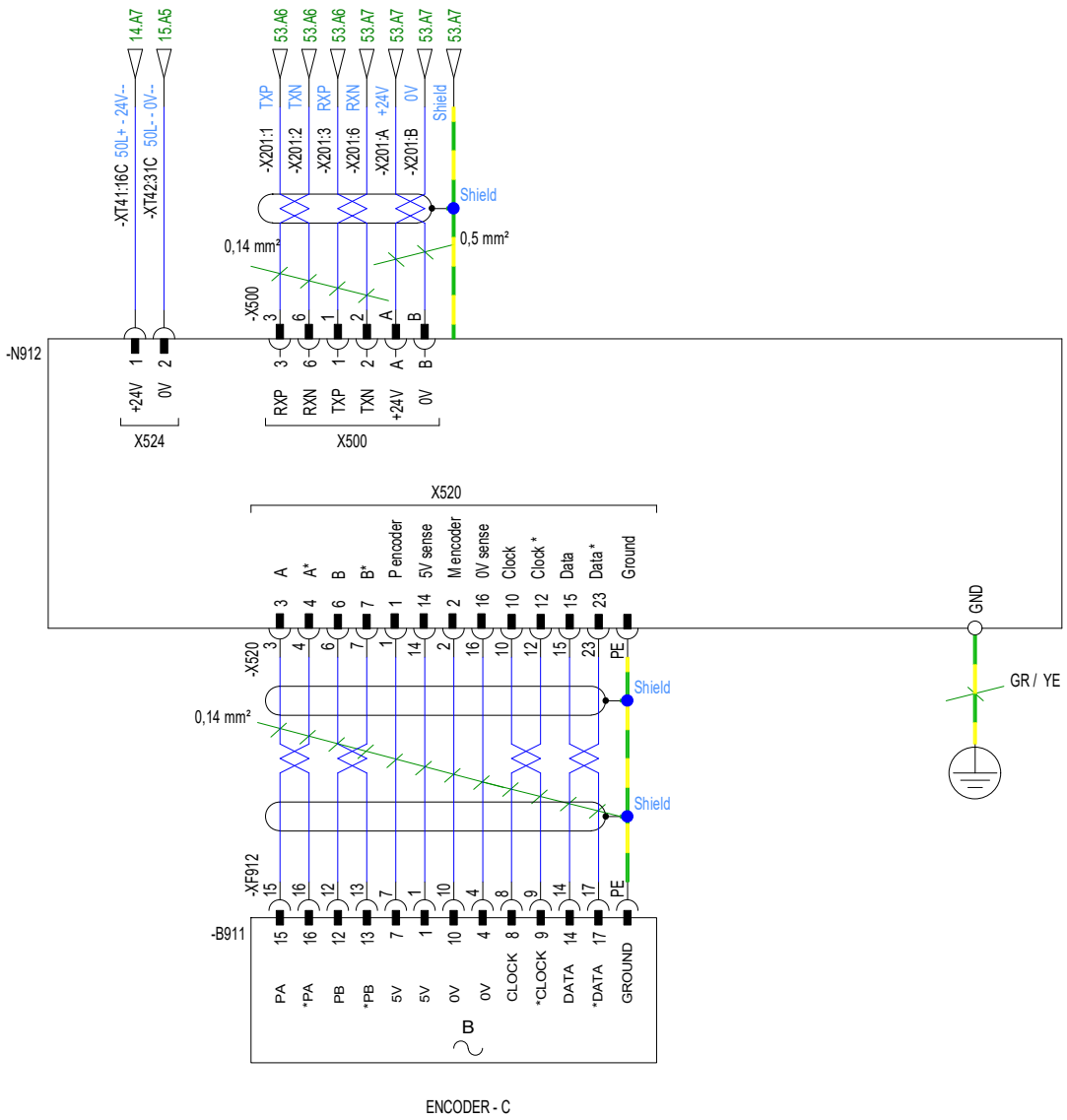
DESCRIPTION	ROTATING AXIS - B				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 52	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

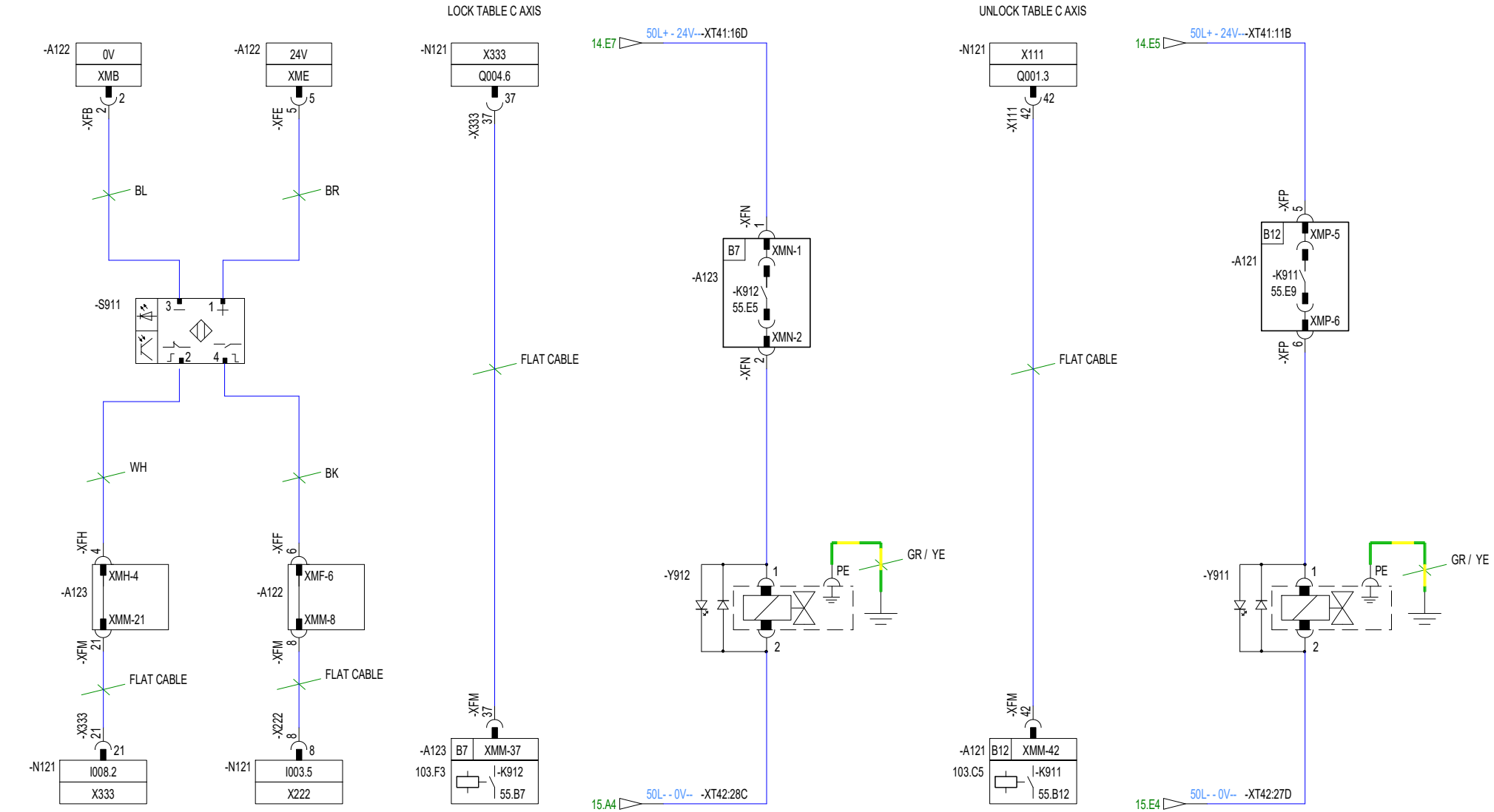
DESCRIPTION	ROTATING AXIS - C			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE A3
	DRAWER	ANDREW	11/09/2013	
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 53	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

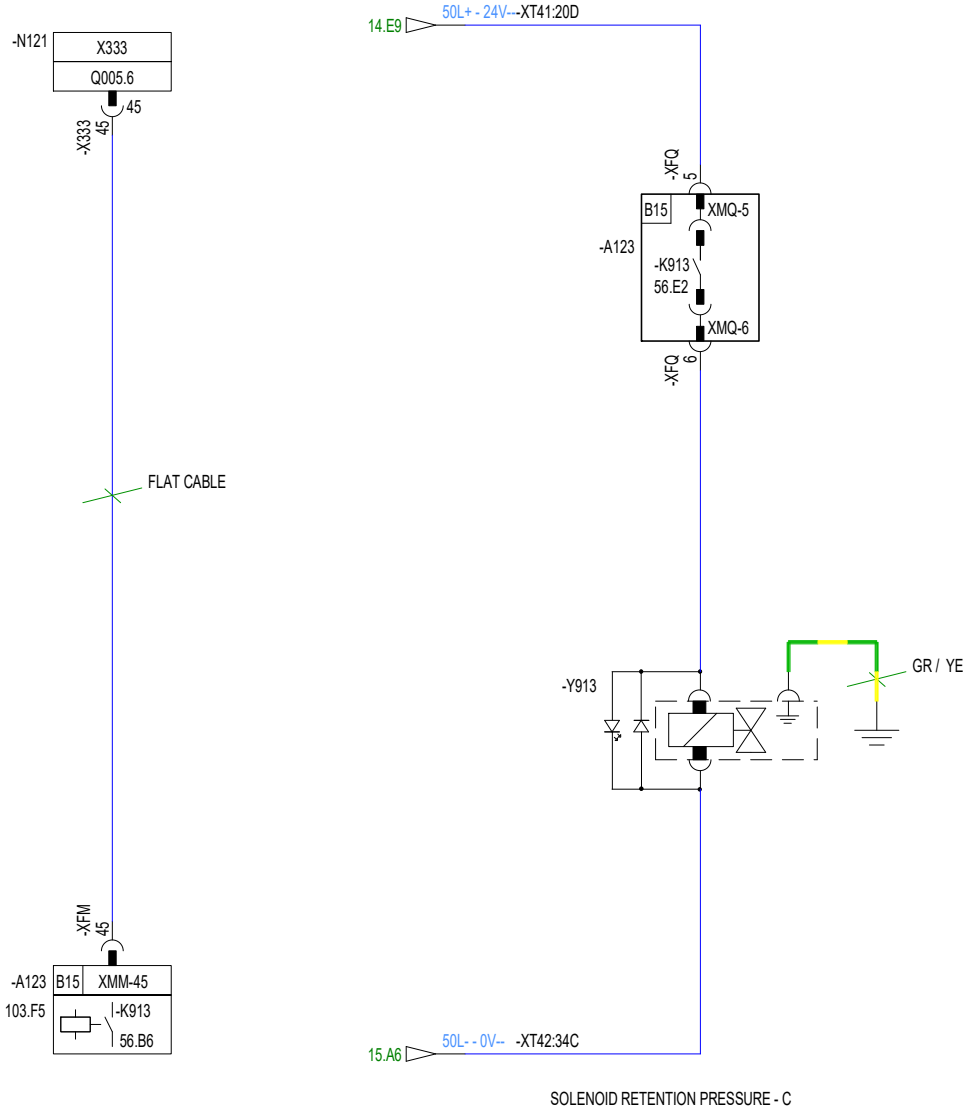
DESCRIPTION	ROTATING AXIS - C				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 54	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	



REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	ROTATING AXIS - C			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE A3
	DRAWER	ANDREW	11/09/2013	
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 55	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D

RETENTION PRESSURE - C



SOLENOID RETENTION PRESSURE - C

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

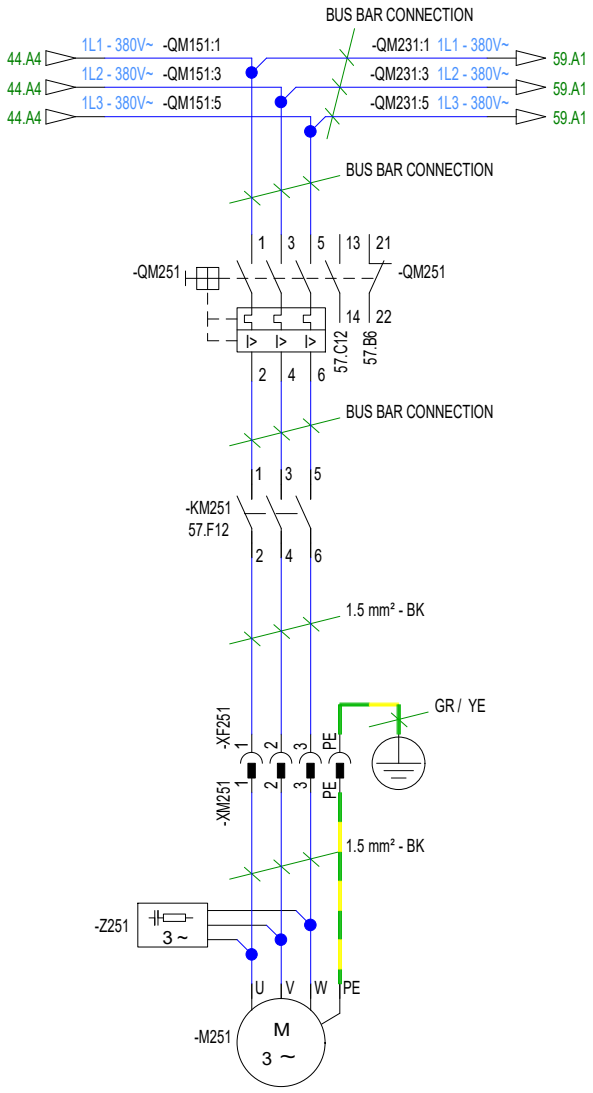
DESCRIPTION: ROTATING AXIS - C

ROMI®

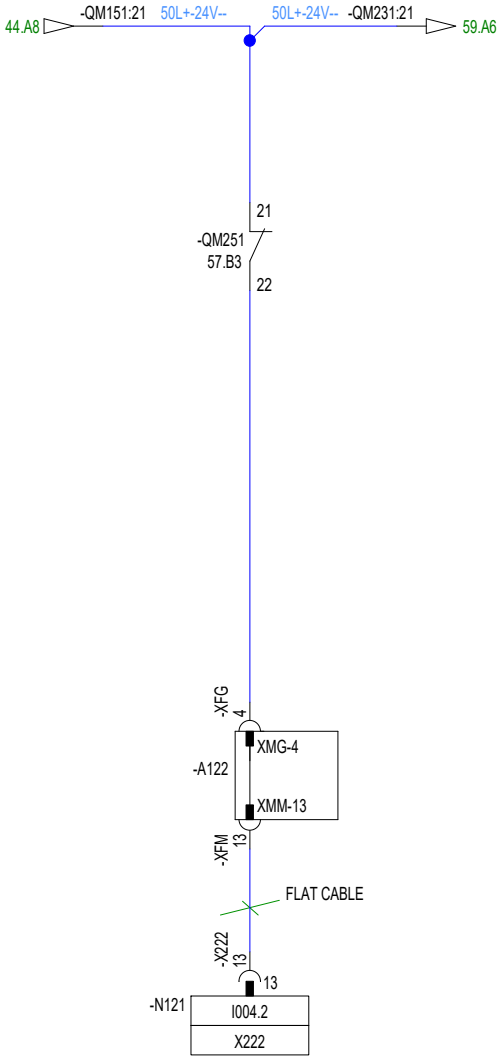
DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

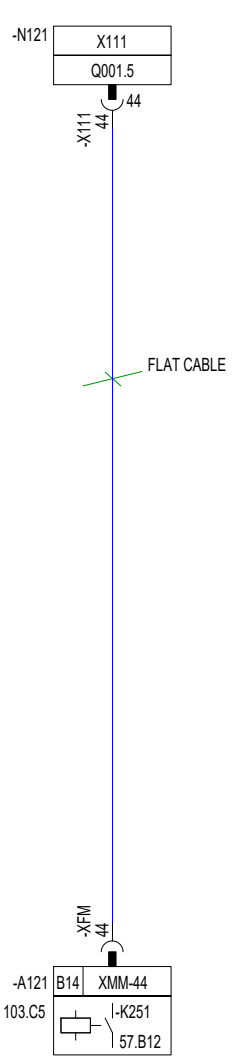
REFERENCE	SHEET	SCALE	APPLICATION	N°
ROMI DCM	56		ROMI DCM 620-5X V3.0	U14186D

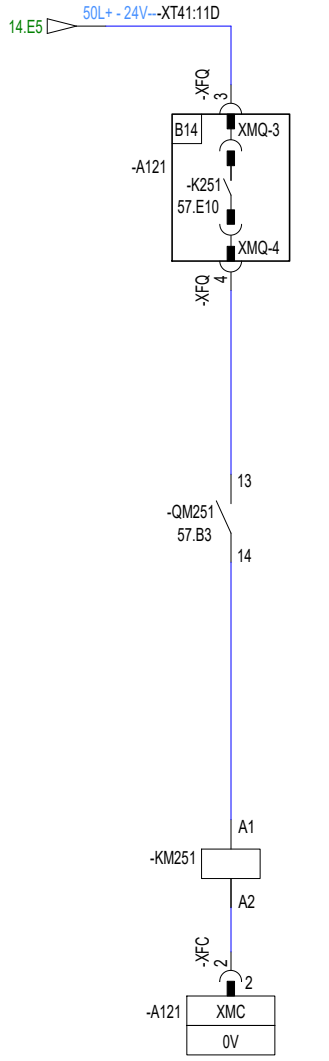


FLOOD COOLANT MOTOR

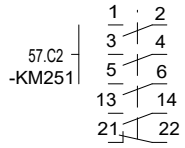


COOLANT PUMP MOTOR OVERLOAD





COOLANT MOTOR CONTACTOR



REL.	MODIFICATION	MODIF.	APROV.	DATE

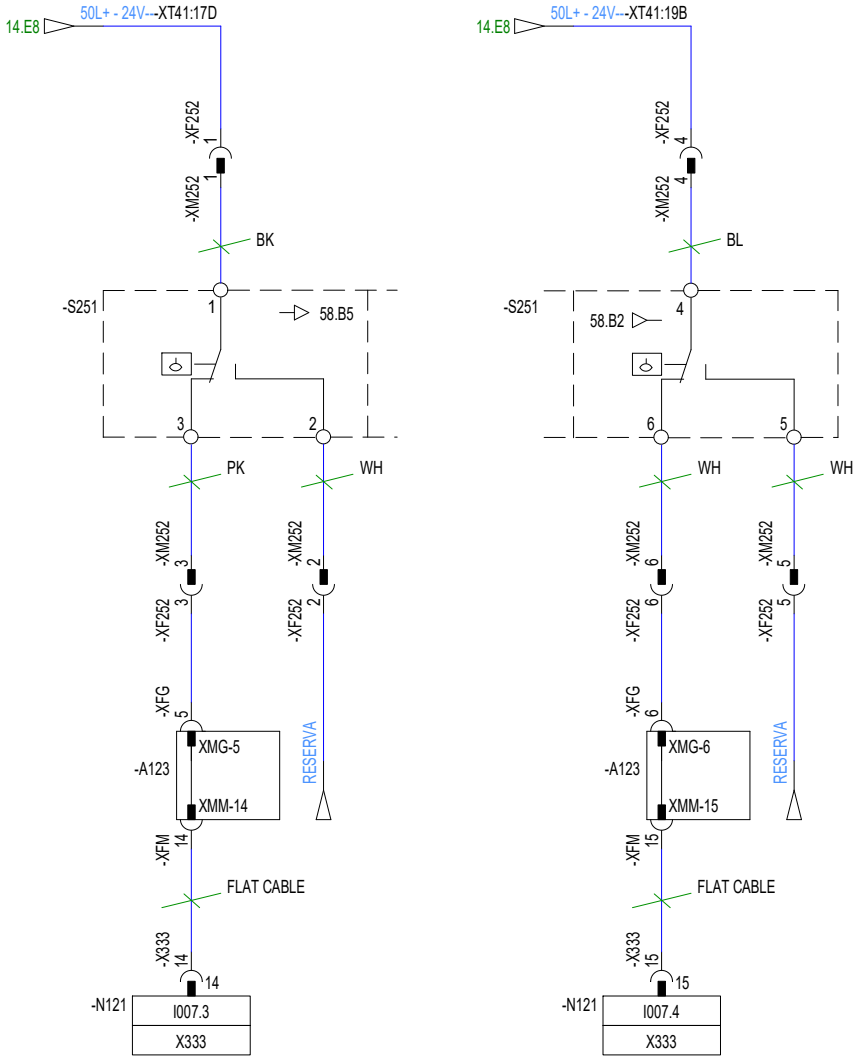
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: FLOOD COOLANT

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	
ROMI DCM	57		ROMI DCM 620-5X V3.0	N° U14186D



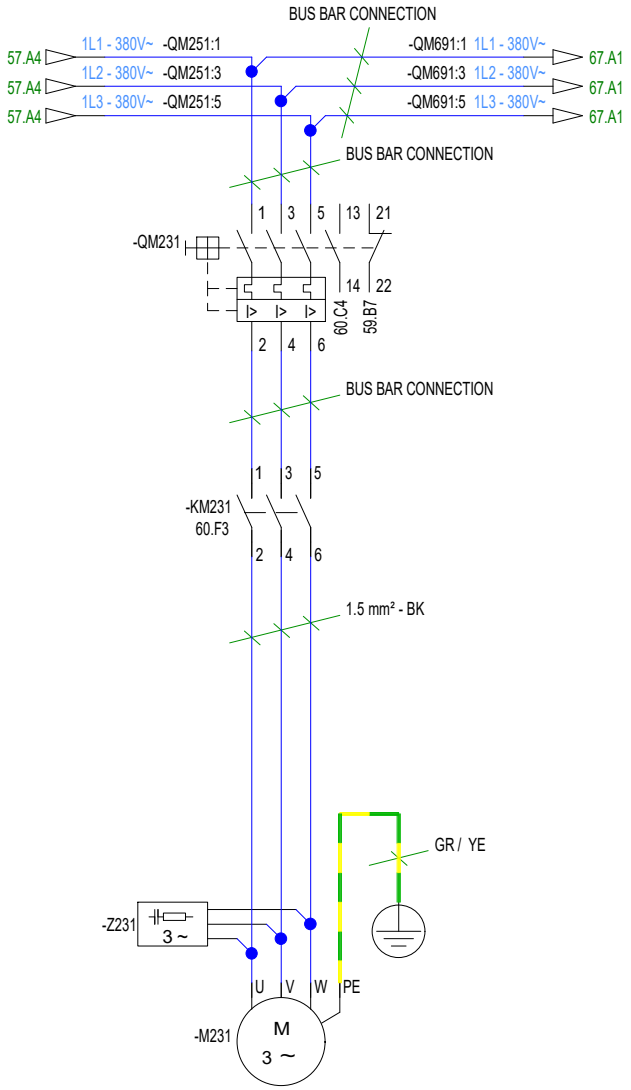
SWITCH NÍVEL MÁXIMO - FLOOD COOLANT

SWITCH NÍVEL MÍNIMO - FLOOD COOLANT

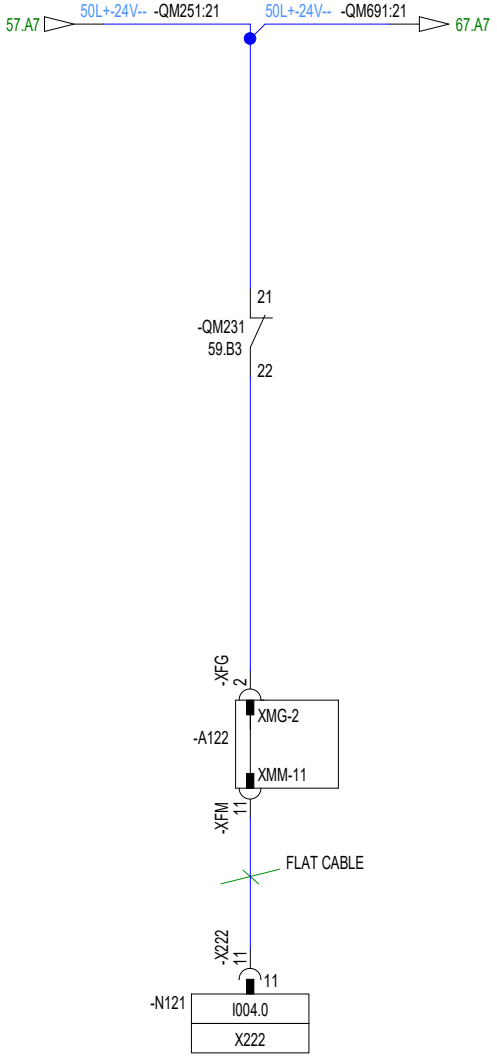
REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

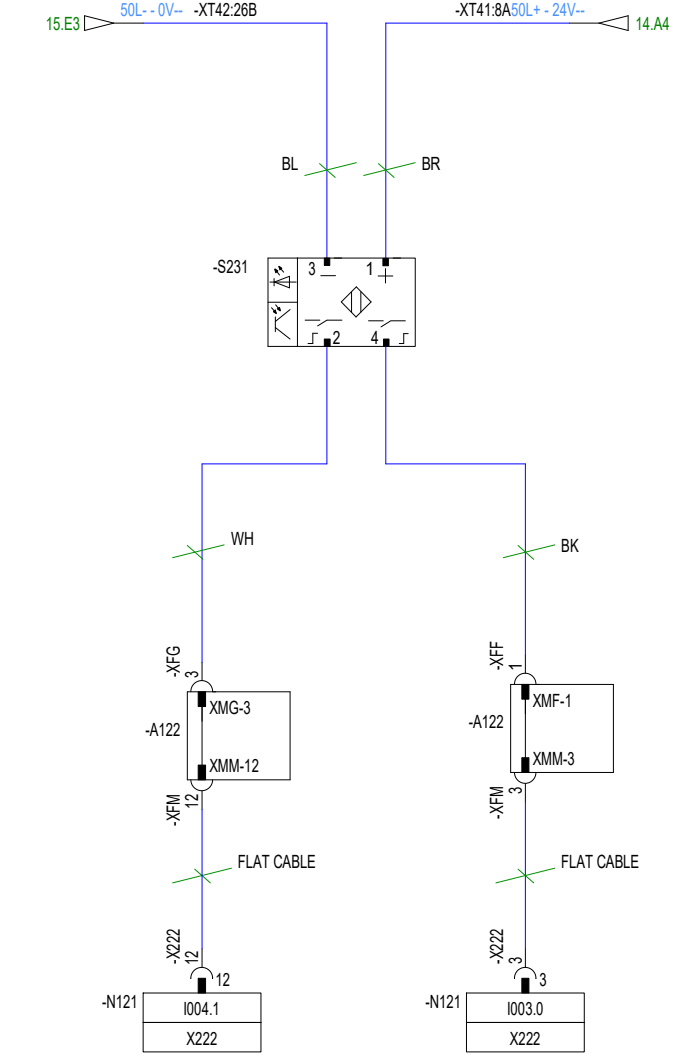
DESCRIPTION	FLOOD COOLANT				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 58	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	



HIDRAULIC UNIT MOTOR



HYDRAULIC UNIT MOTOR OVERLOAD

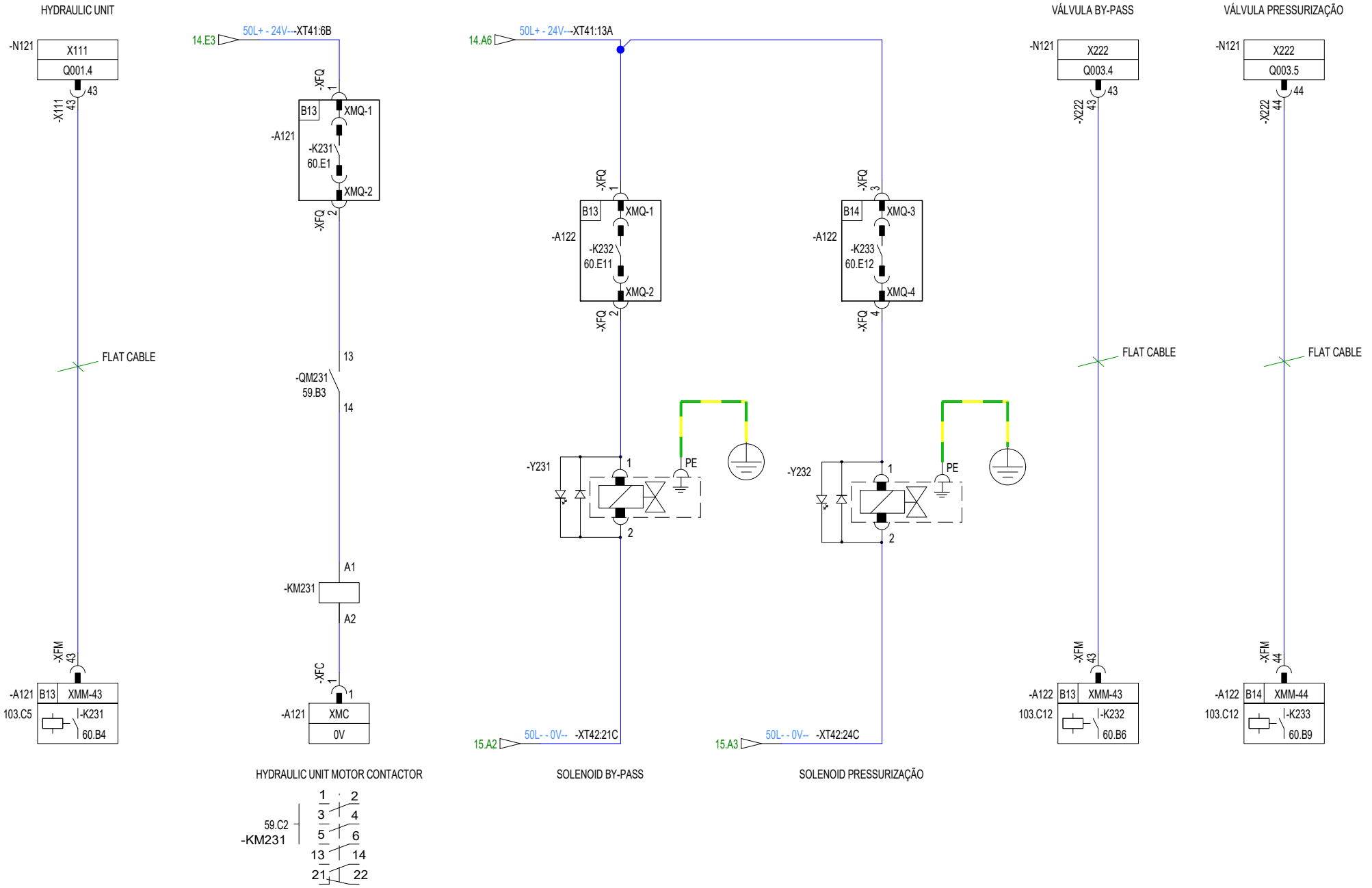


PRESSURE SWITCH PRESSURE MAX. HYDRAULIC UNIT - SP2

PRESSURE SWITCH PRESSURE MIN. HYDRAULIC UNIT - SP1

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

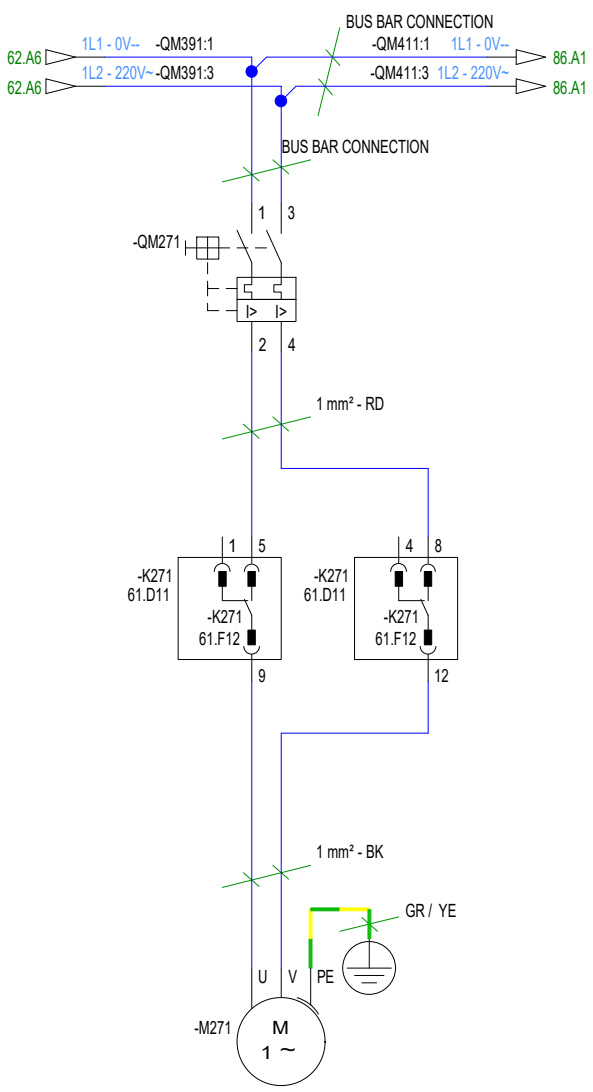
DESCRIPTION	HYDRAULIC UNIT				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 59	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	



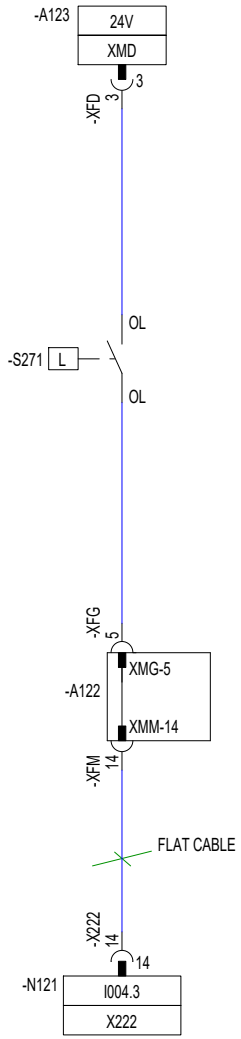
REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

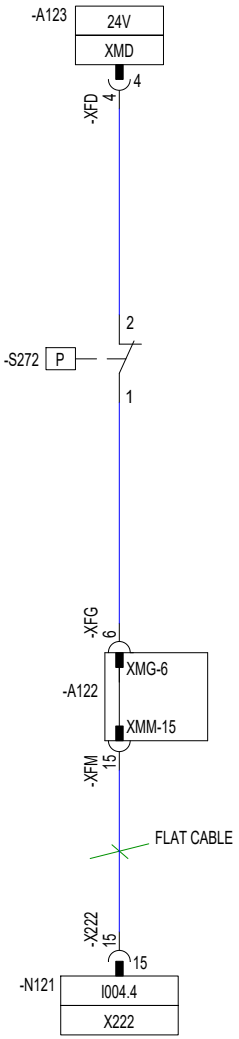
DESCRIPTION	HYDRAULIC UNIT			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE A3
	DRAWER	ANDREW	11/09/2013	
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 60	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D



LUBE PUMP MOTOR

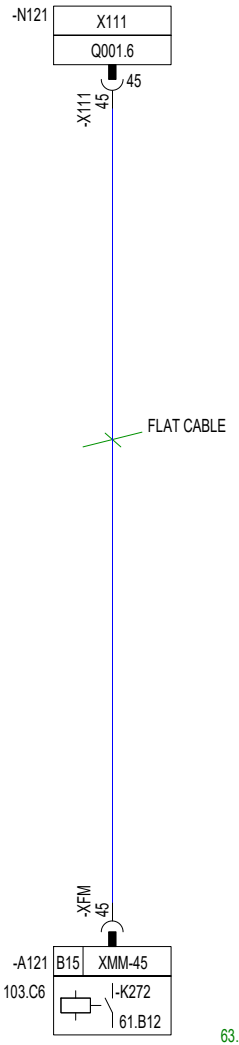


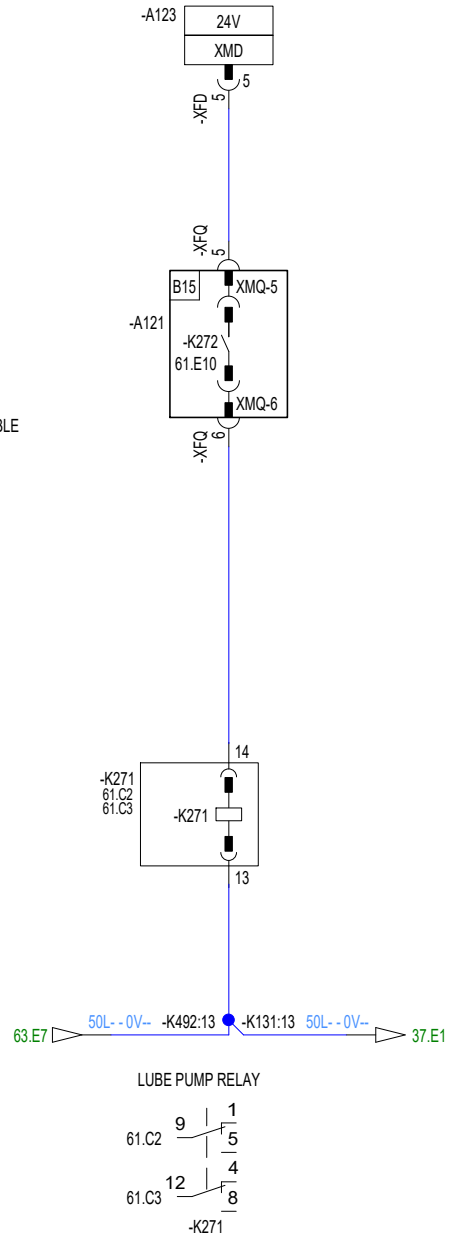
LOW LUBE LEVEL



LOW LUB PRESSURE

LUBE PUMP MOTOR ON





LUBE PUMP RELAY

REL.	MODIFICATION	MODIF.	APROV.	DATE

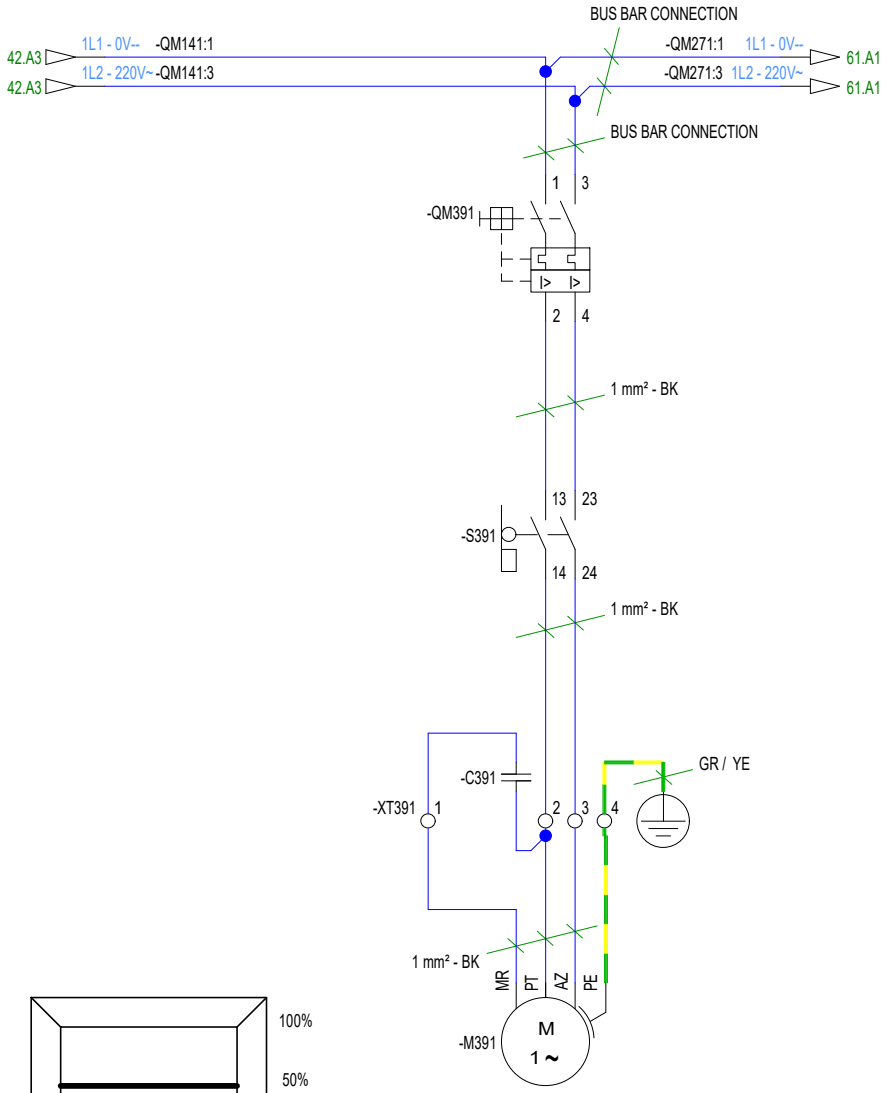
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: LUBE PUMP

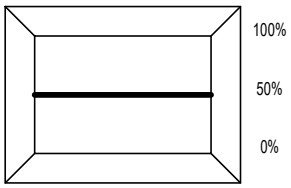
ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	N°
ROMI DCM	61		ROMI DCM 620-5X V3.0	U14186D

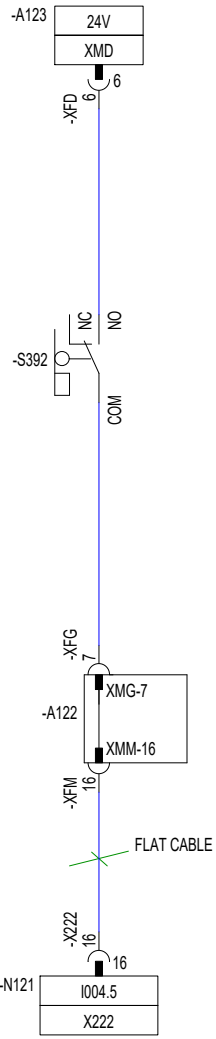


ELECTRIC PANEL CLIMATIZATION



NOTE:

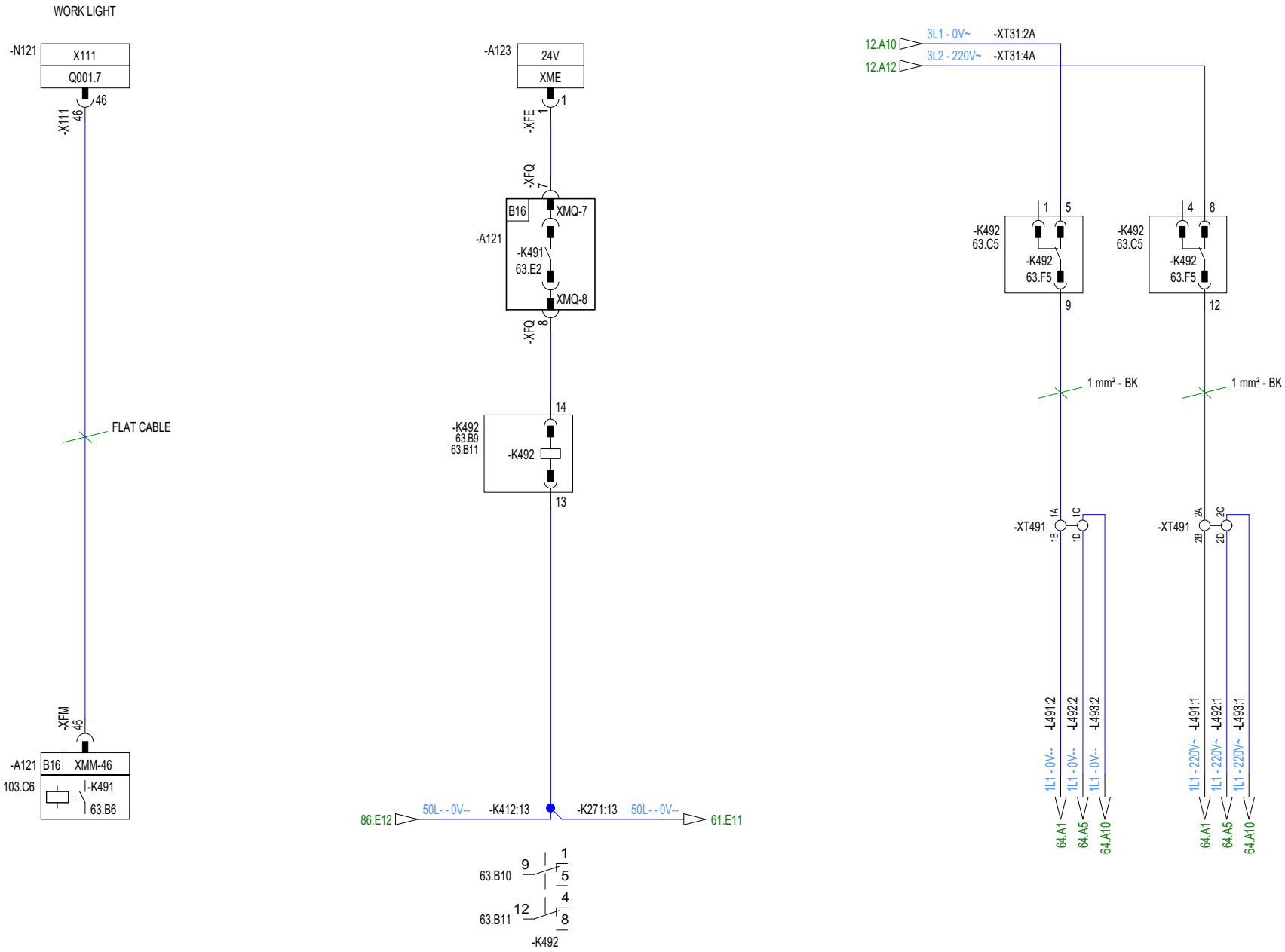
ELECTRICAL PANEL COOLANT REGULATION



ACCLIMATIZATION SUPERVISOR MICRO SWITCH

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

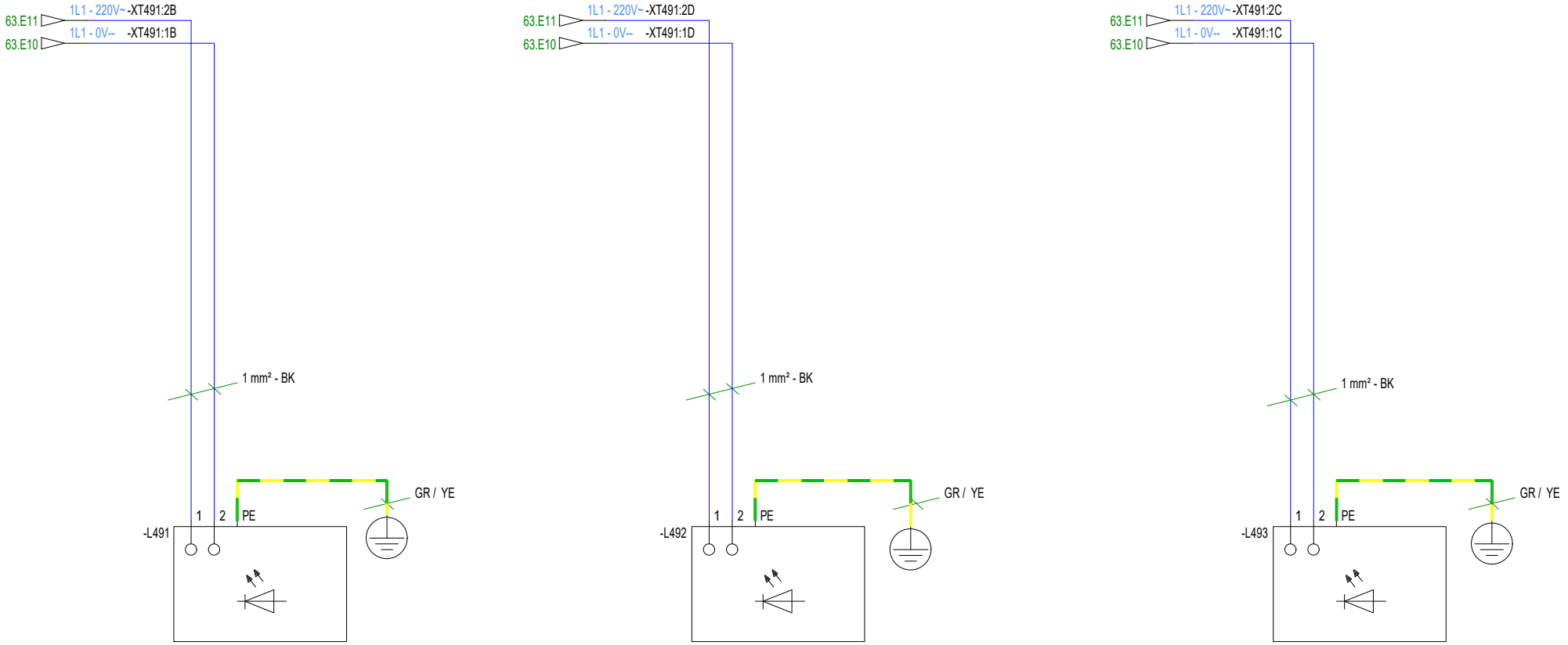
DESCRIPTION	ELECTRIC PANEL CLIMATIZATION / OPERATOR'S PANEL		
ROMI®	DESIGNED	FERNANDO	11/09/2013
	DRAWER	ANDREW	11/09/2013
	CONTROLLED	VILALTA	11/09/2013
PROJECTION	SIZE		
	A3		
REFERENCE ROMI DCM	SHEET 62	SCALE	APPLICATION ROMI DCM 620-5X V3.0
N° U14186D			



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

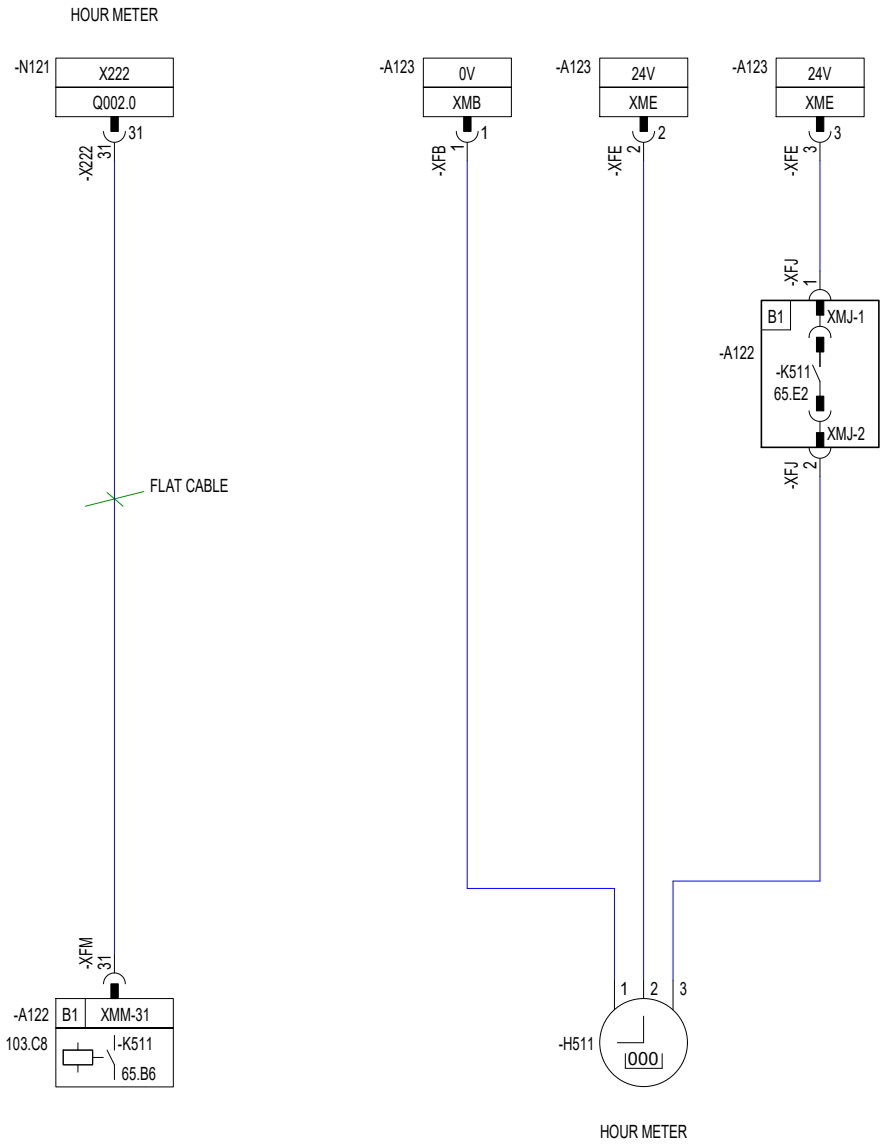
DESCRIPTION	WORK LIGHT			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE A3
	DRAWER	ANDREW	11/09/2013	
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 63	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	WORK LIGHT			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE
	DRAWER	ANDREW	11/09/2013	A3
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 64	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

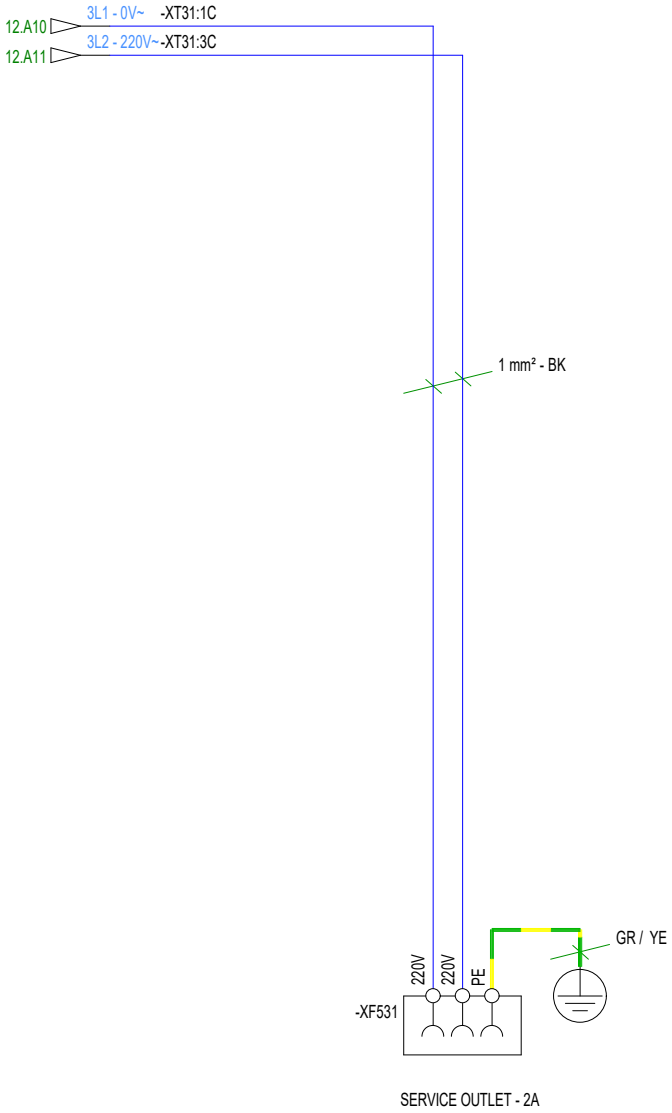
DESCRIPTION: HOUR METER

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	
ROMI DCM	65		ROMI DCM 620-5X V3.0	N° U14186D



SERVICE OUTLET - 2A

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

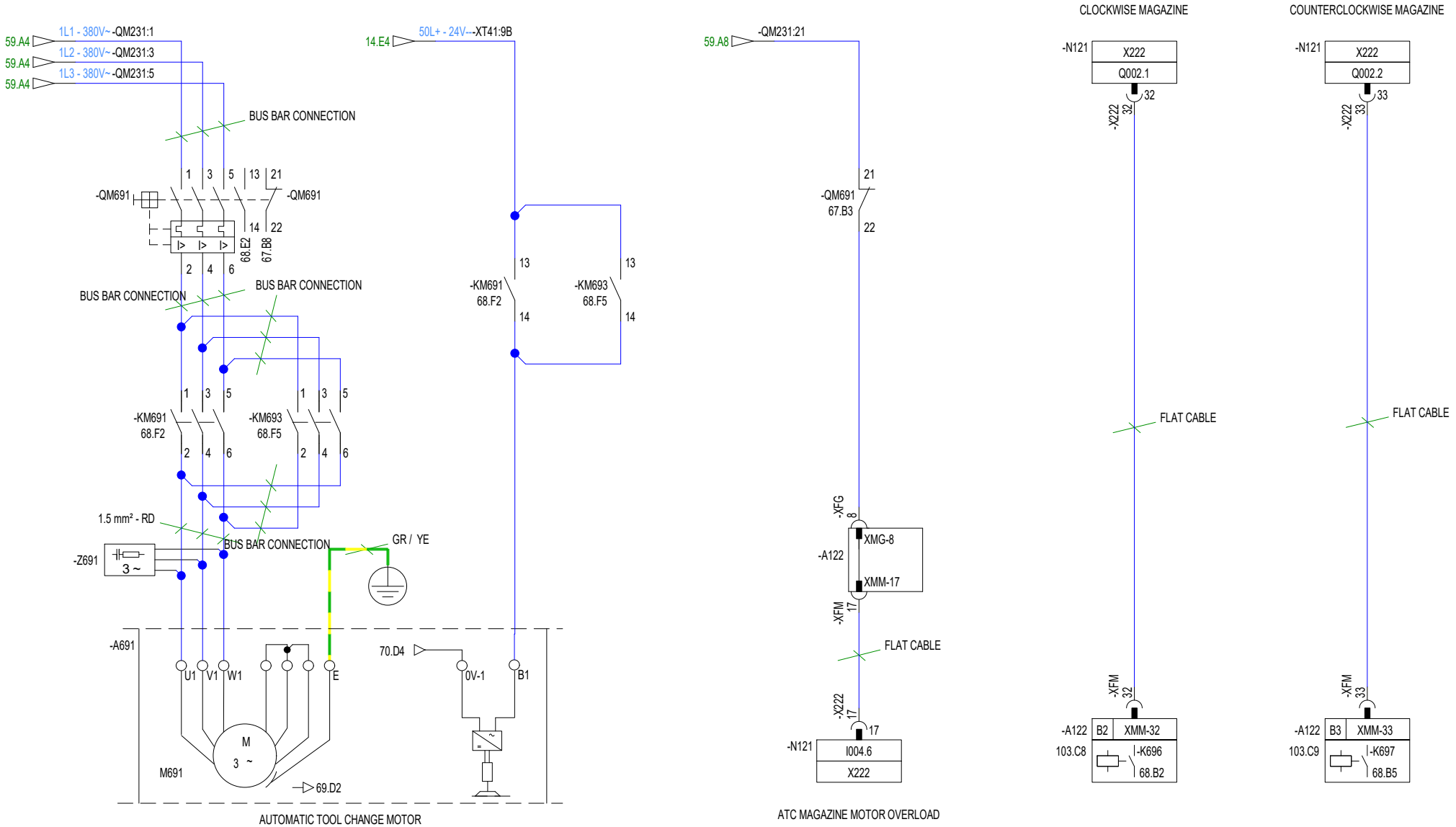
DESCRIPTION: SERVICE OUTLET

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	66		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

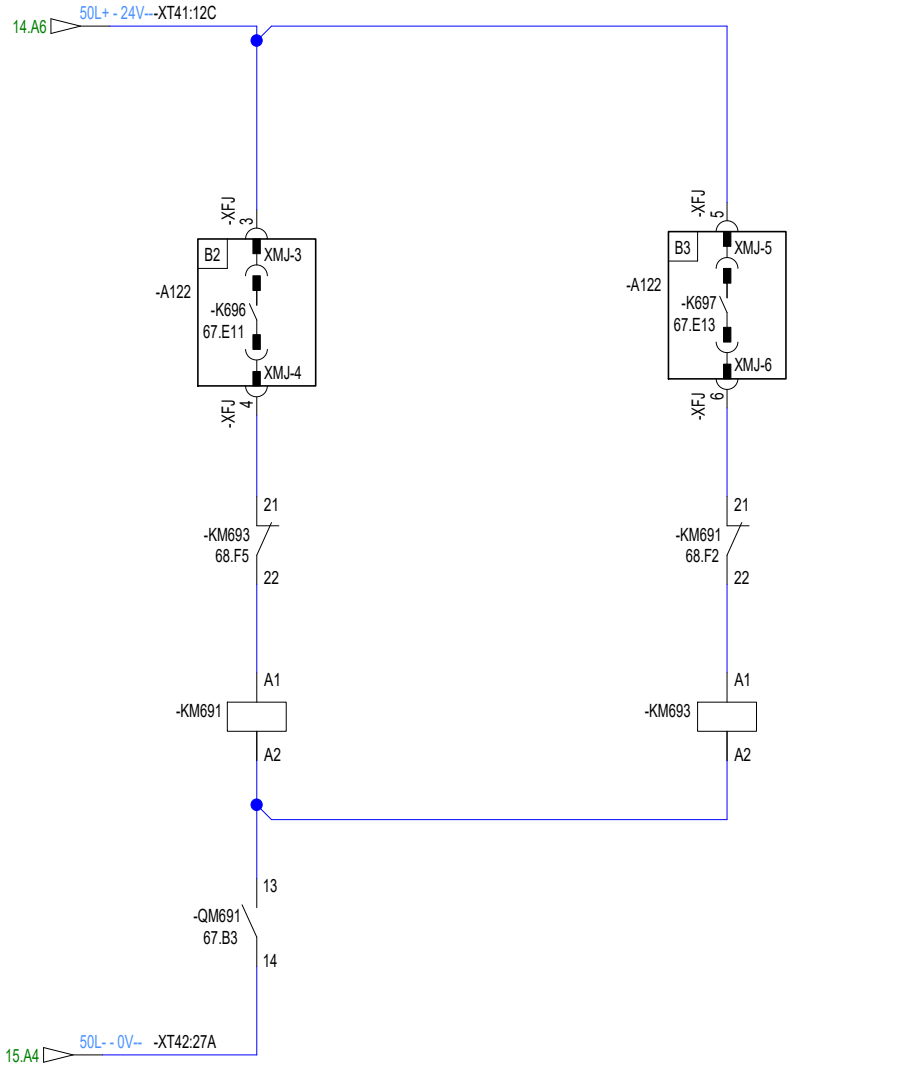
DESCRIPTION: AUTOMATIC TOOL CHANGER-30-POSITIONS

ROMI®

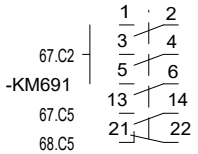
DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

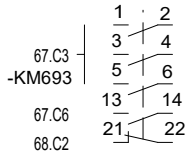
REFERENCE	SHEET	SCALE	APPLICATION	Nº
	67		ROMI DCM 620-5X V3.0	U14186D



ATC CW CONTACTOR



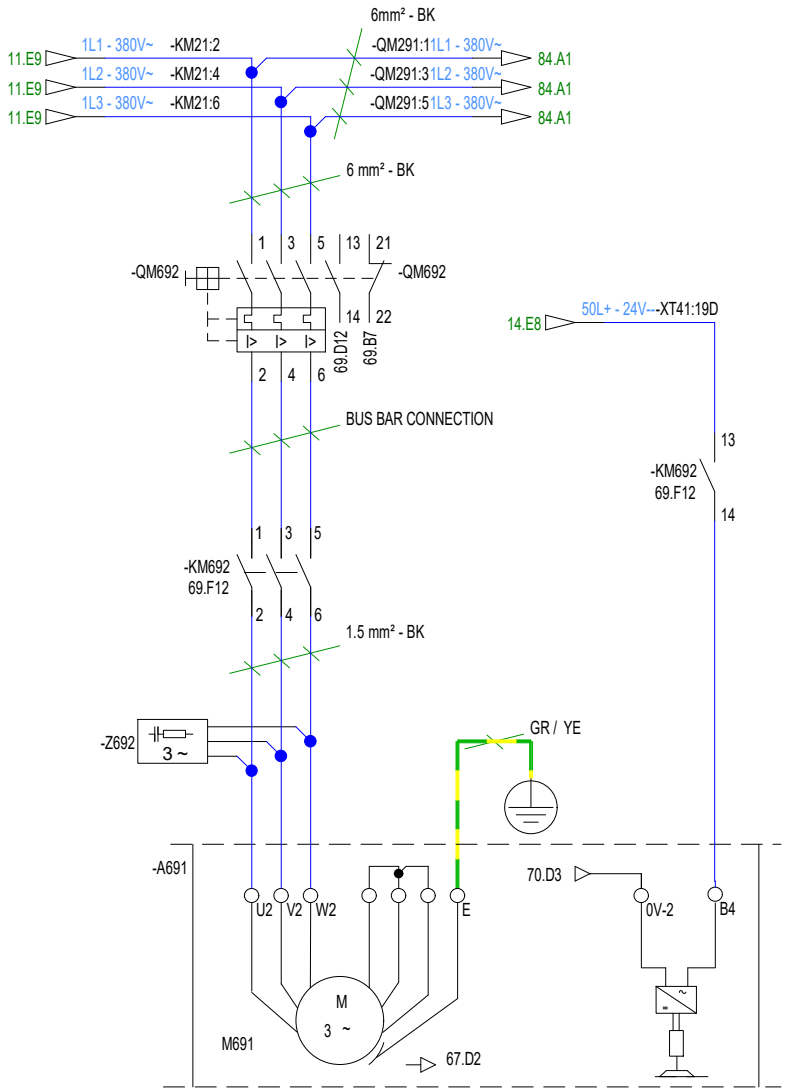
ATC COUNTERCLOCKWISE ROTATION CONTACTOR



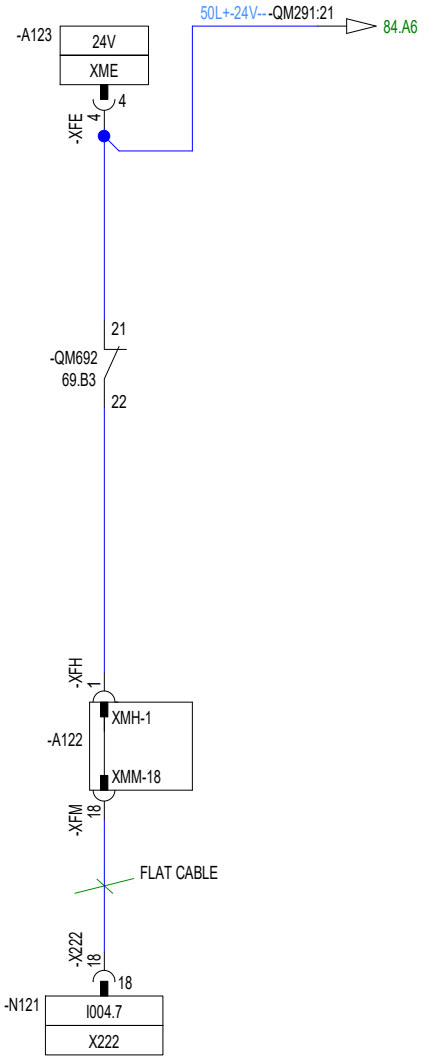
REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

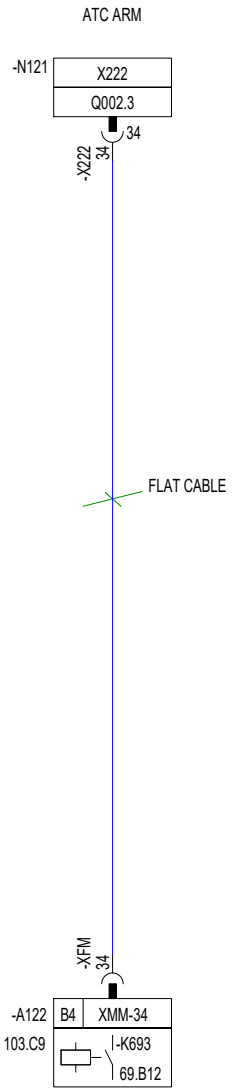
DESCRIPTION	AUTOMATIC TOOL CHANGER-30-POSITIONS				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE	SHEET 68	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	

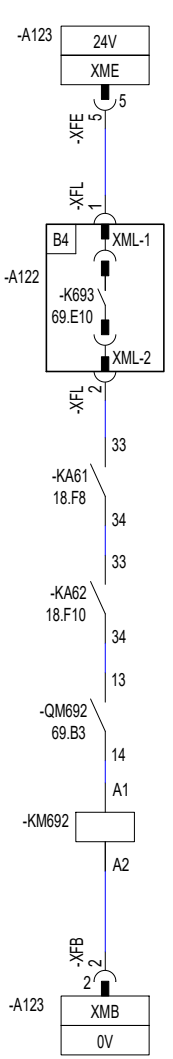


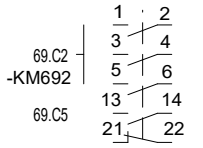
AUTOMATIC TOOL CHANGE INTERFACE - 30 POSITIONS



CHANGE ARM MOTOR OVERLOAD

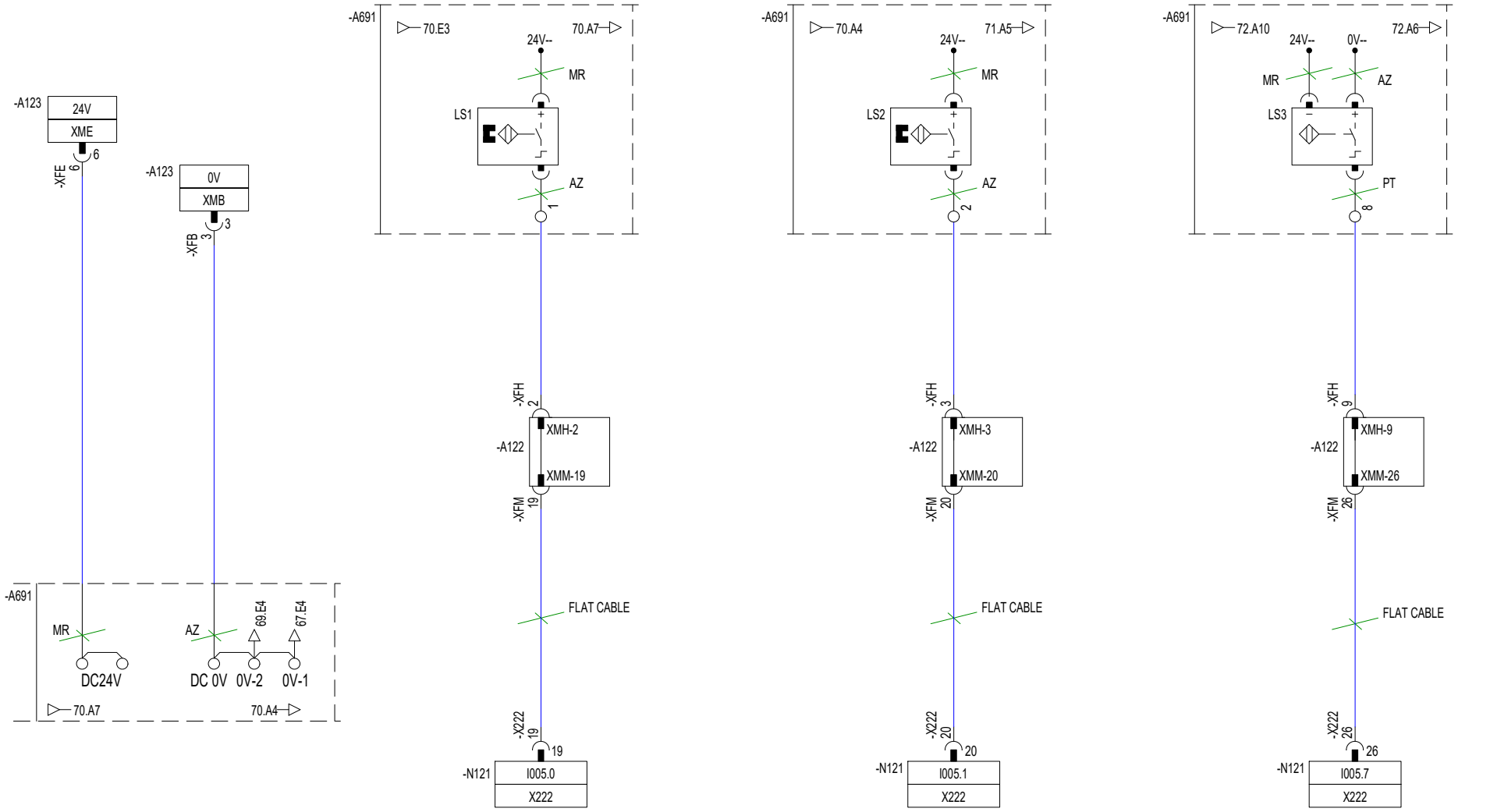






REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	AUTOMATIC TOOL CHANGER-30-POSITIONS				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE	SHEET 69	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	



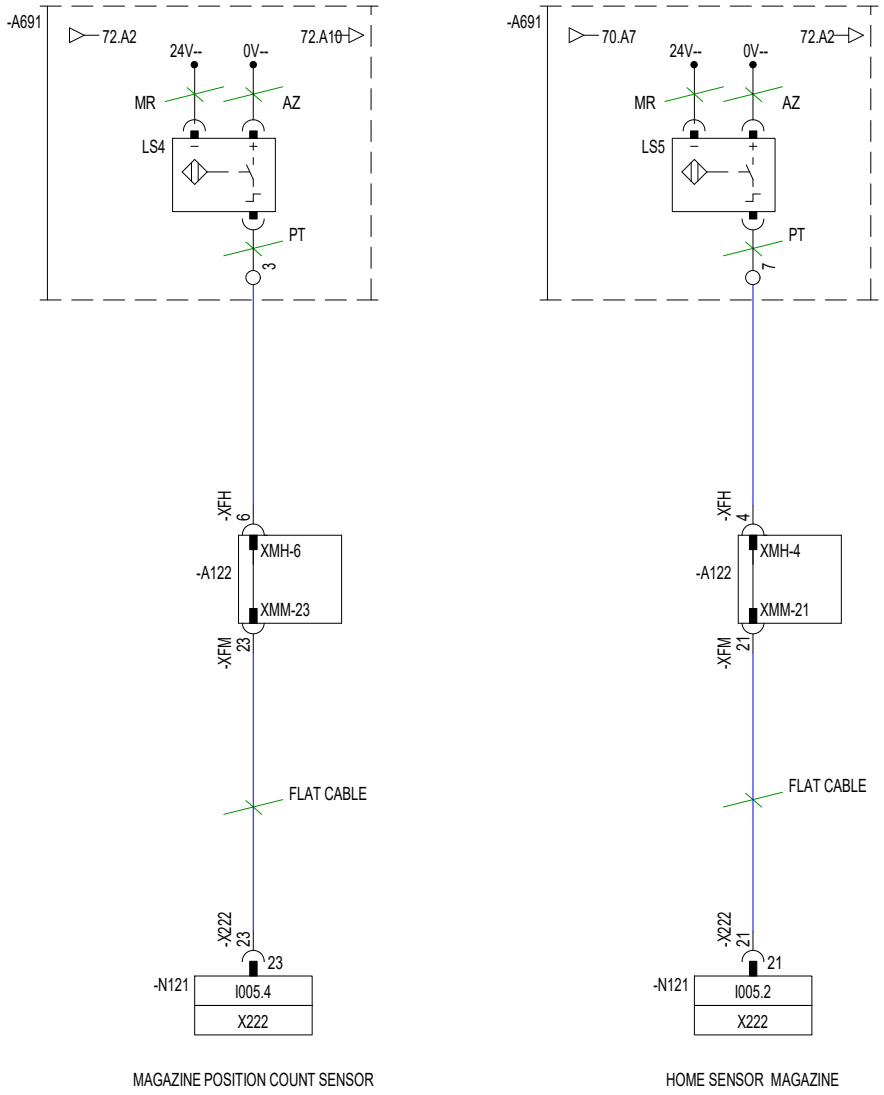
RETRACTED TOOL POCKET SENSOR

TOOL CUP SENSOR PROJECTED

SENSOR CONTADOR POSITION E BRAKE MAGAZINE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

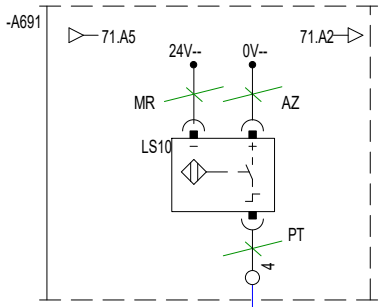
DESCRIPTION	AUTOMATIC TOOL CHANGER-30-POSITIONS				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE	SHEET 70	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	

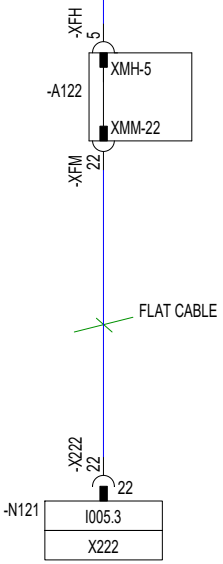


REL.	MODIFICATION	MODIF.	APROV.	DATE

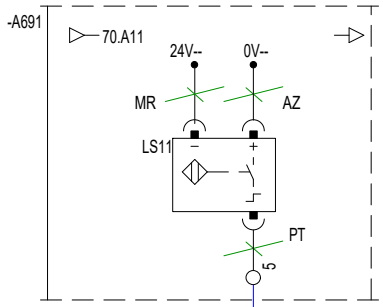
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

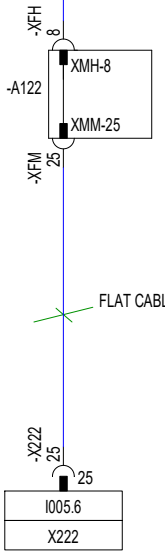
DESCRIPTION	AUTOMATIC TOOL CHANGER-30-POSITIONS			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE
	DRAWER	ANDREW	11/09/2013	A3
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE	SHEET 71	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D



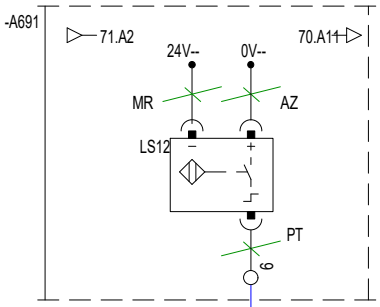


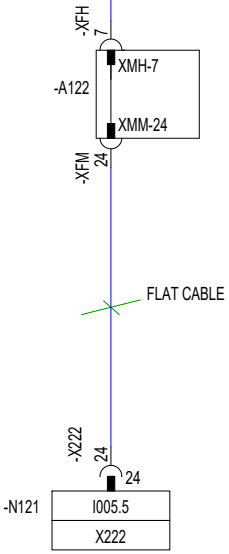
SENSOR BRAKE CHANGE ARM





SENSOR BRAÇO POSITION PEGA TOOL





ORIGIN POSITION ARM SENSOR

REL.	MODIFICATION	MODIF.	APROV.	DATE

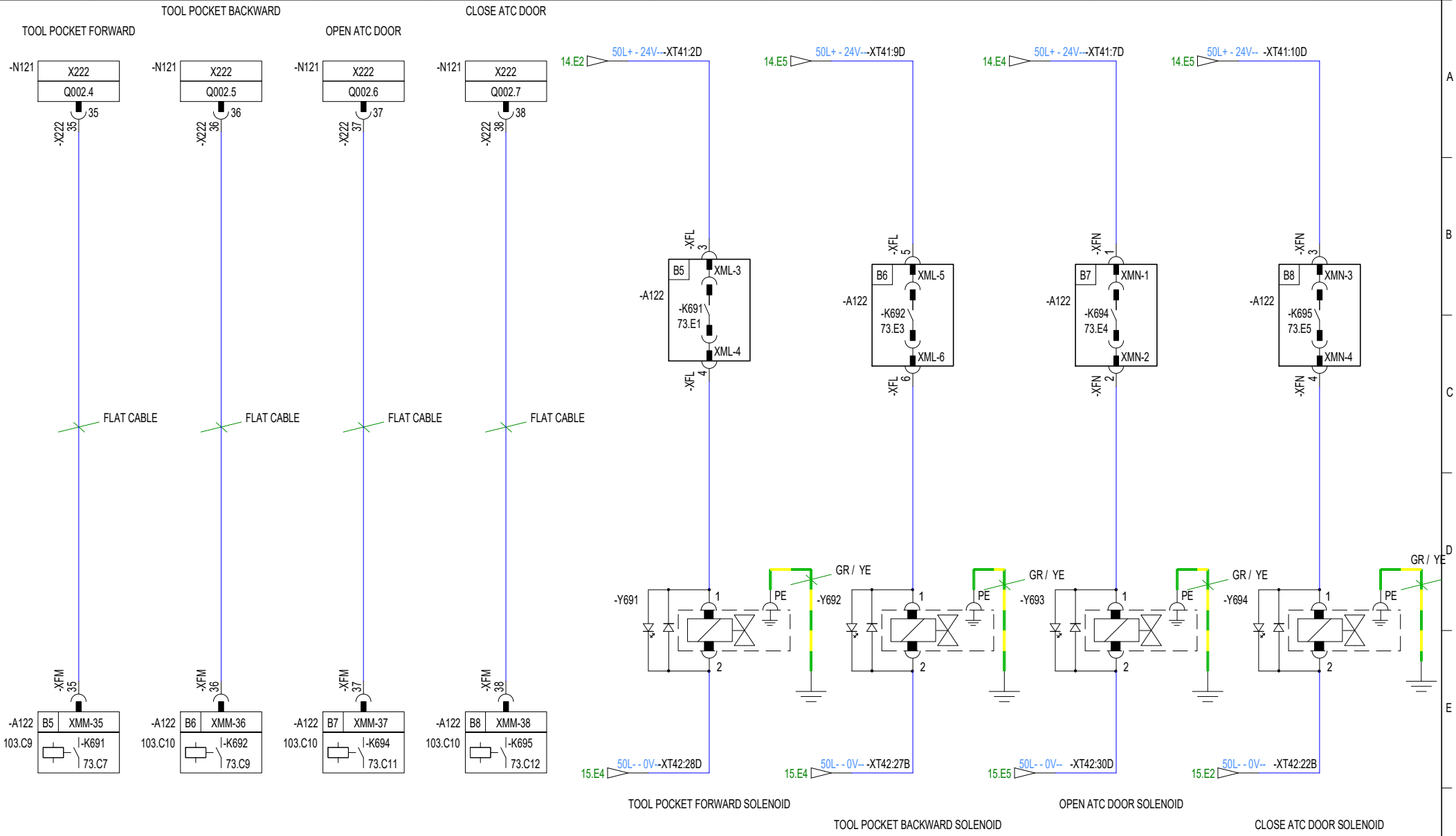
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: AUTOMATIC TOOL CHANGER-30-POSITIONS

ROMI®

			PROJECTION	SIZE
DESIGNED	FERNANDO	11/09/2013		
DRAWER	ANDREW	11/09/2013		A3
CONTROLLED	VILALTA	11/09/2013		

REFERENCE	SHEET	SCALE	APPLICATION	Nº
	72		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

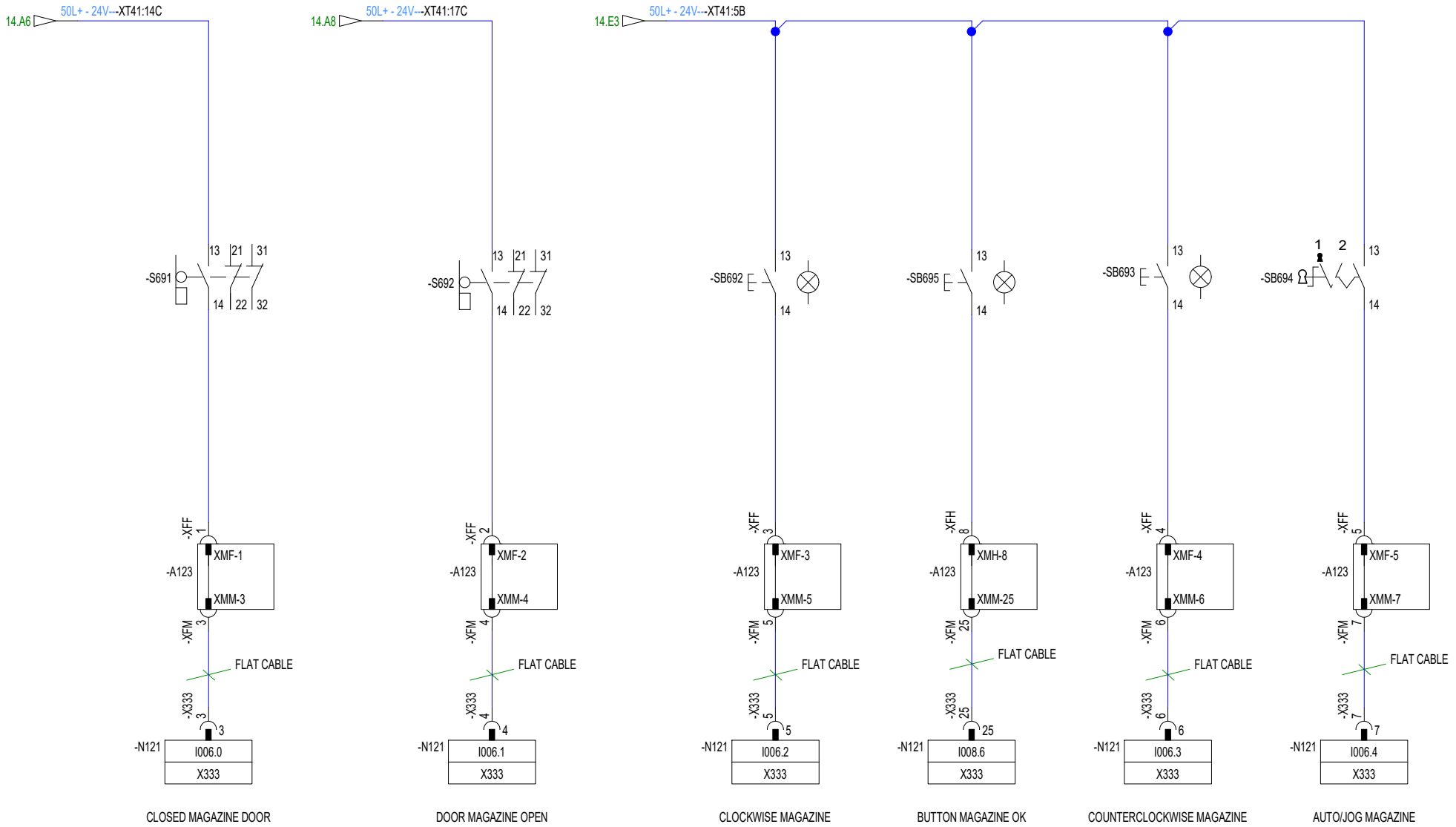
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: AUTOMATIC TOOL CHANGER-30-POSITIONS

ROMI®

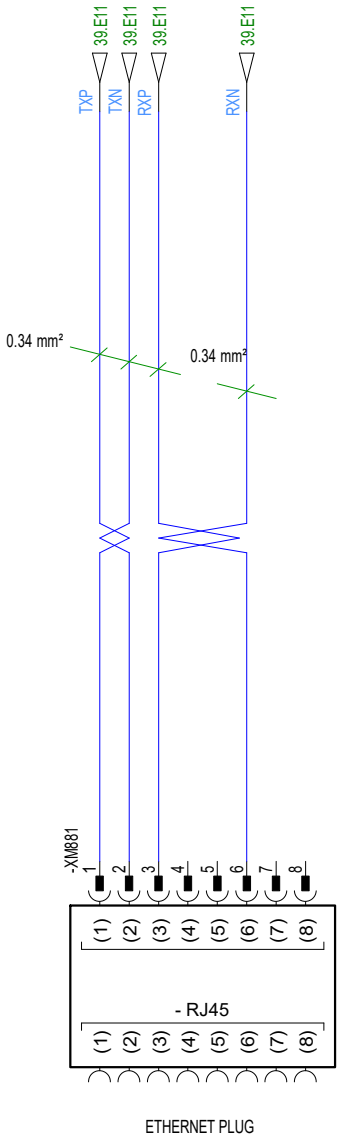
DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	N°
	73		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	AUTOMATIC TOOL CHANGER-30-POSITIONS				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE	SHEET 74	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	



ETHERNET PLUG

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: ETHERNET

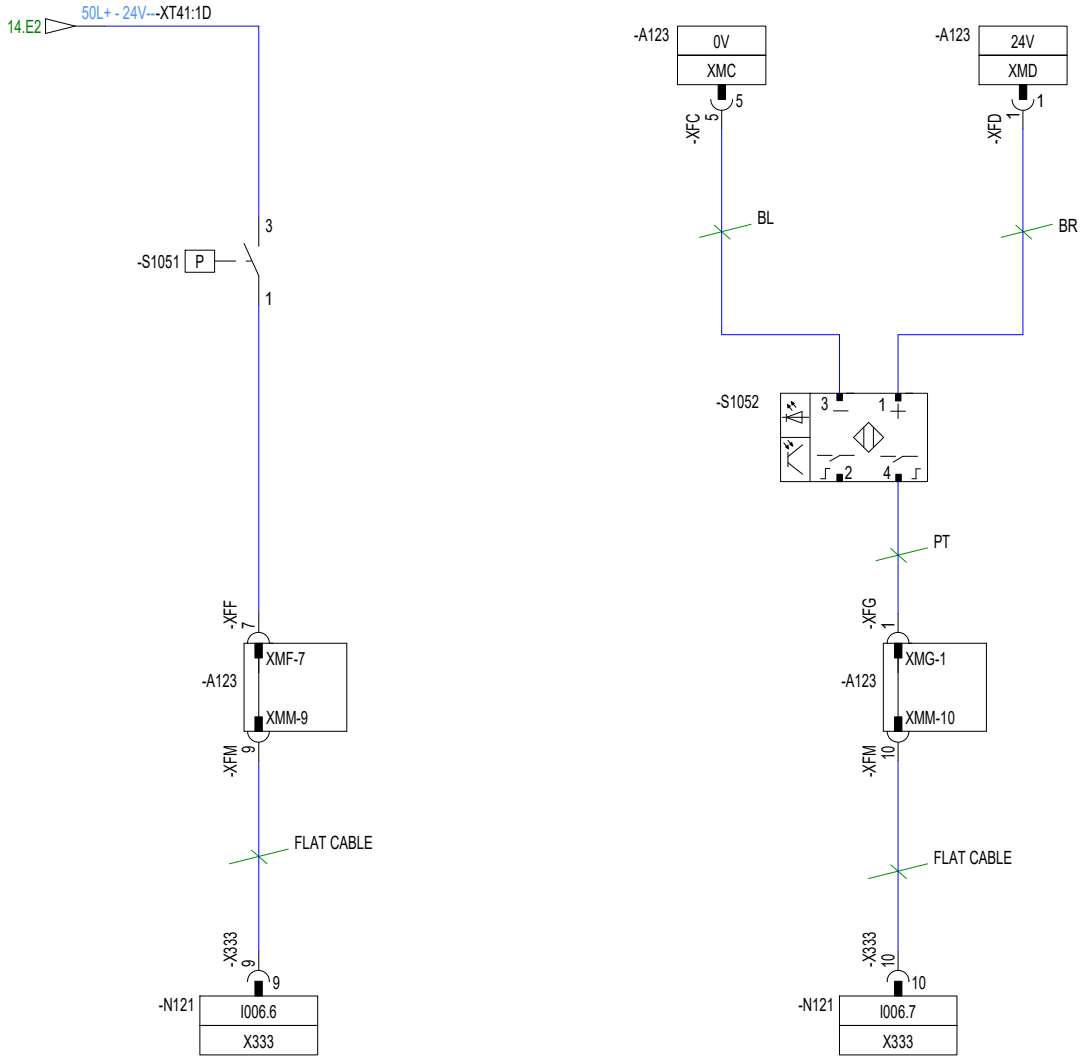
ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION

SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	75		ROMI DCM 620-5X V3.0	U14186D



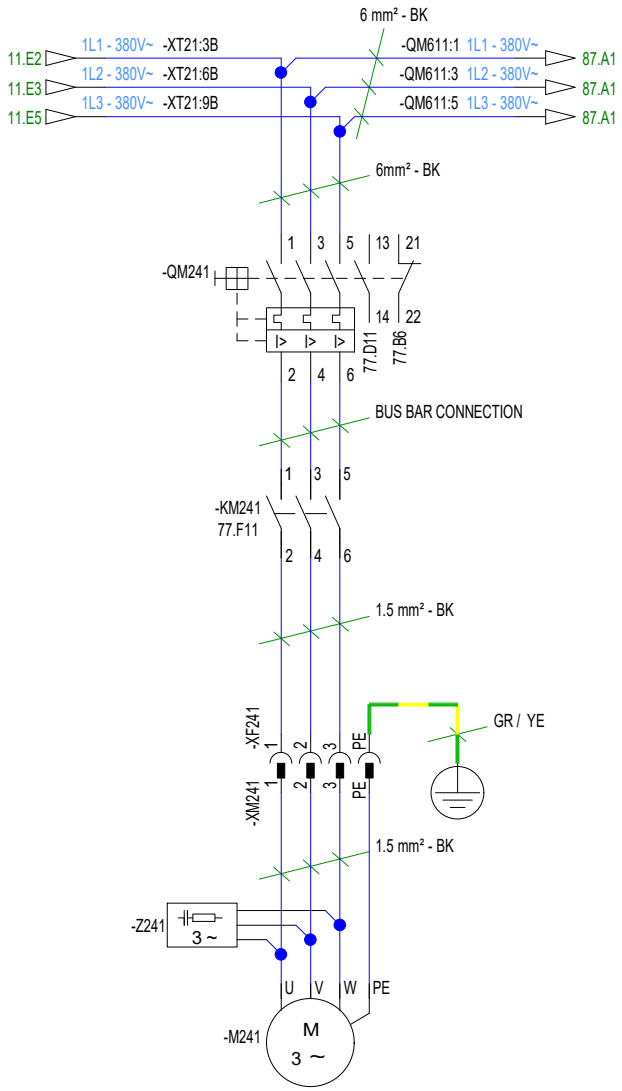
LOW PNEUMATIC PRESSURE SWITCH

PRESSURE SWITCH PRESSURE POSITIVA TABLE AXIS B/C

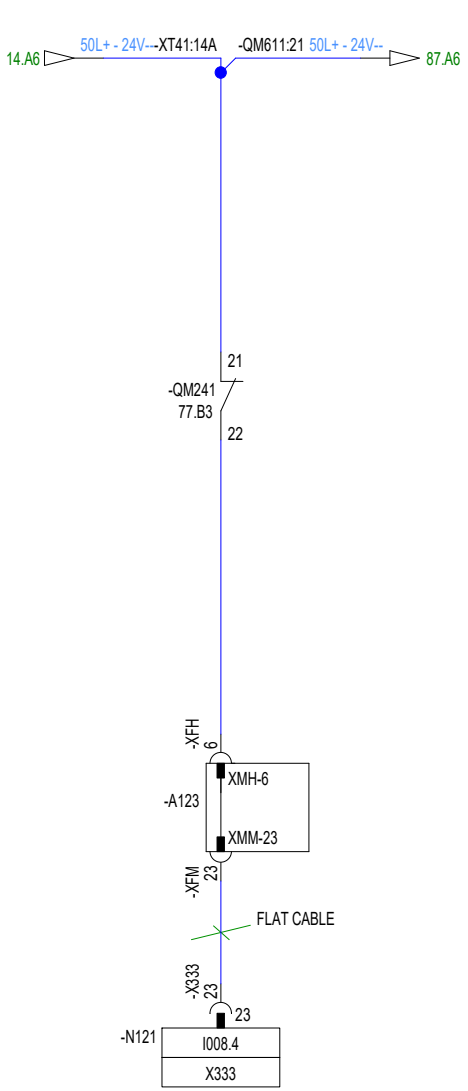
REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

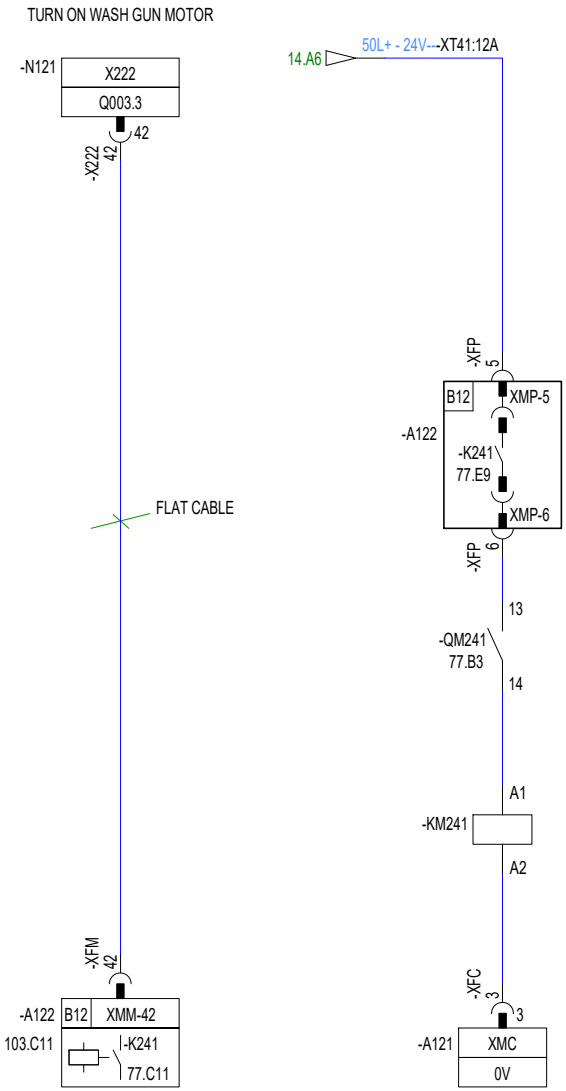
DESCRIPTION	PNEUMATIC UNIT			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE
	DRAWER	ANDREW	11/09/2013	A3
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 76	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D

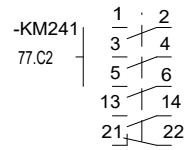


WASH GUN MOTOR



WASH GUN MOTOR OVERLOAD





REL.	MODIFICATION	MODIF.	APROV.	DATE

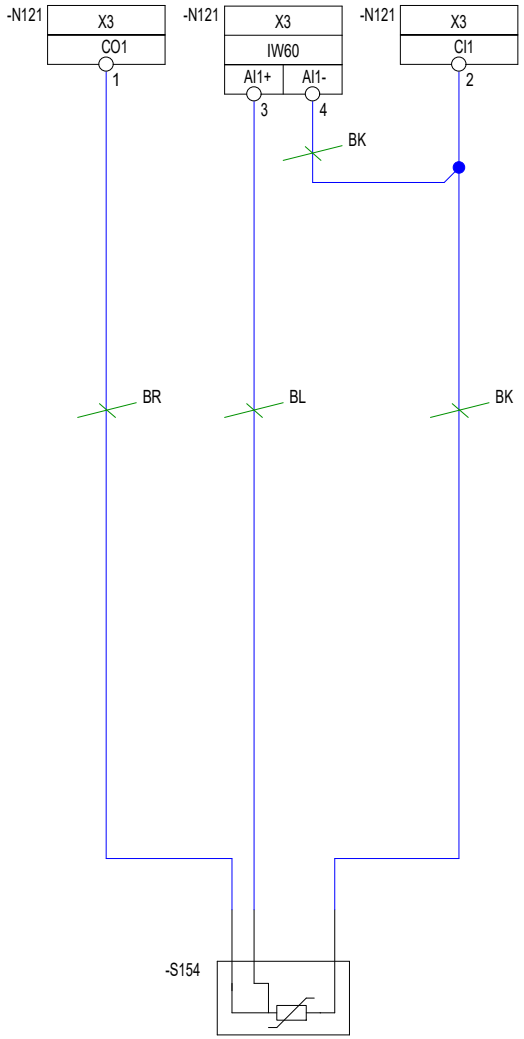
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: WASH GUN

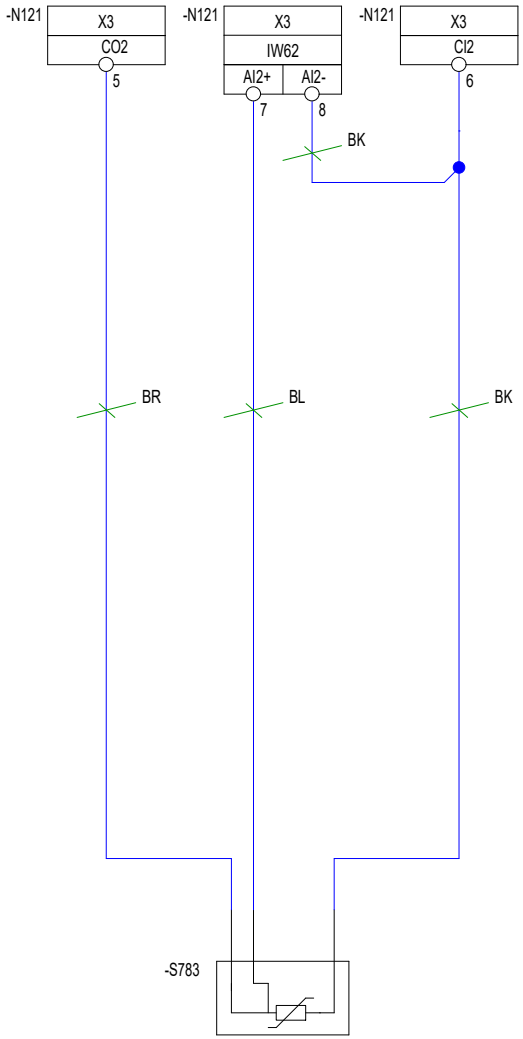
ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	77		ROMI DCM 620-5X V3.0	U14186D



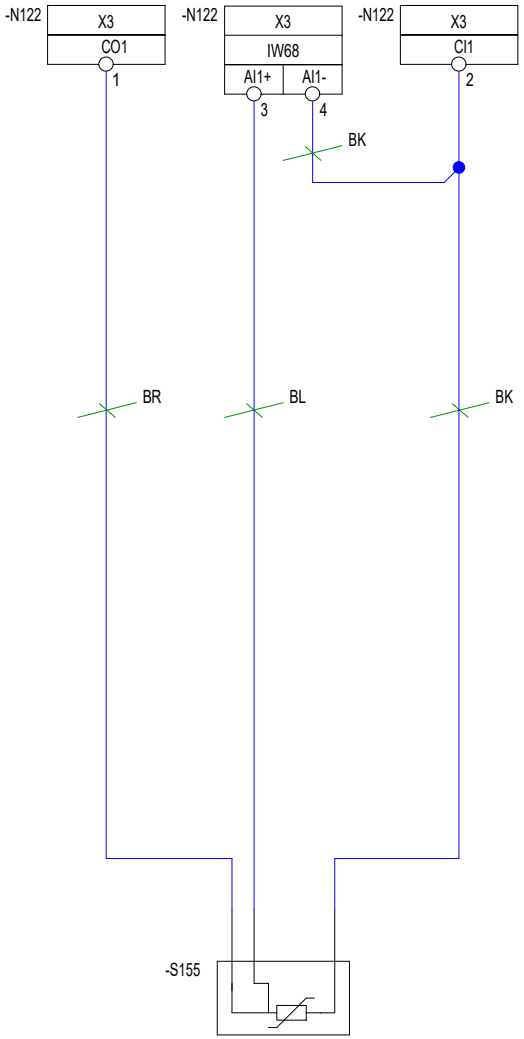
SENSOR SHAFT BEARINGS



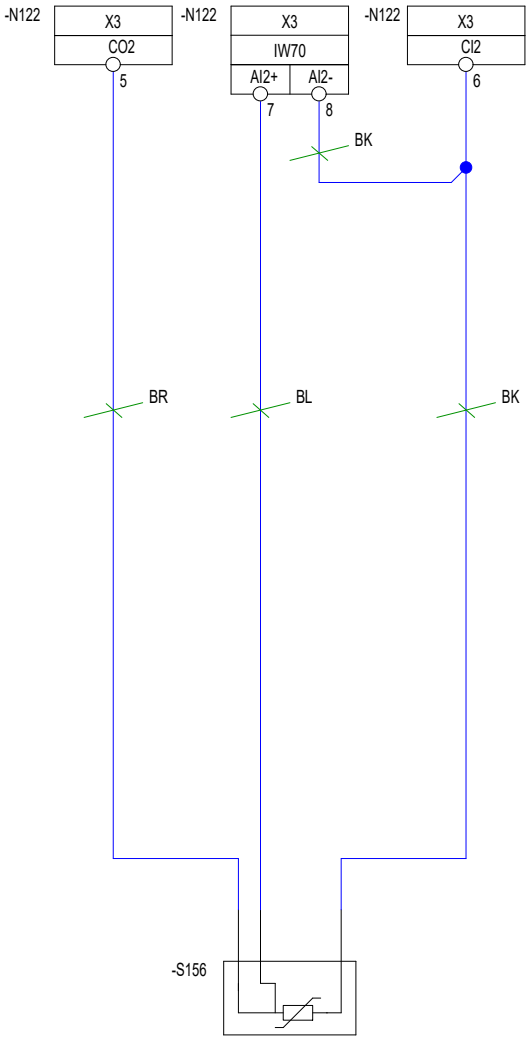
SENSOR Z AXIS LINEAR SCALE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	THERMAL COMPENSATION SYSTEM - WITH LINEAR SCALE				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 78	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	



SENSOR BEARINGS

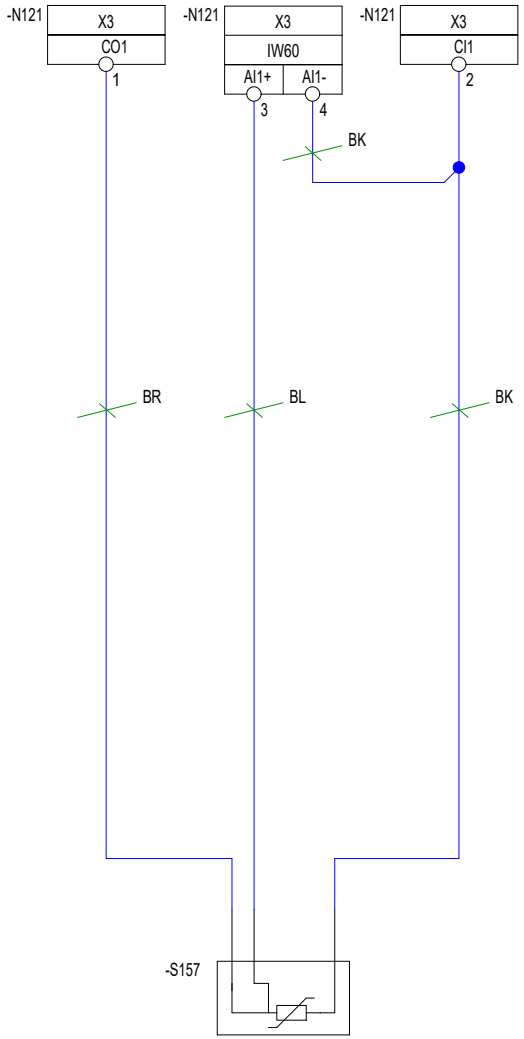


SENSOR BASE

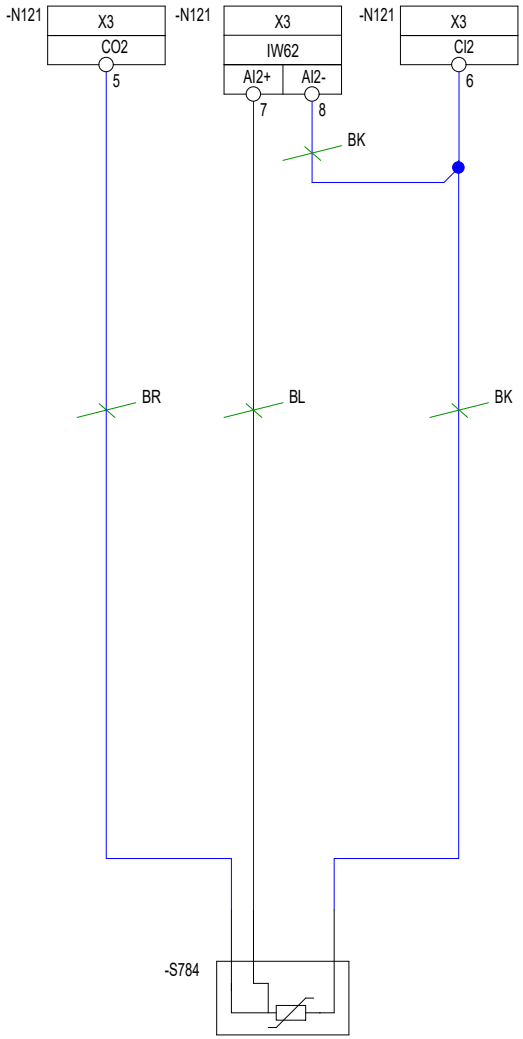
REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	THERMAL COMPENSATION SYSTEM - WITH LINEAR SCALE			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE A3
	DRAWER	ANDREW	11/09/2013	
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 79	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D



SENSOR SHAFT BEARINGS

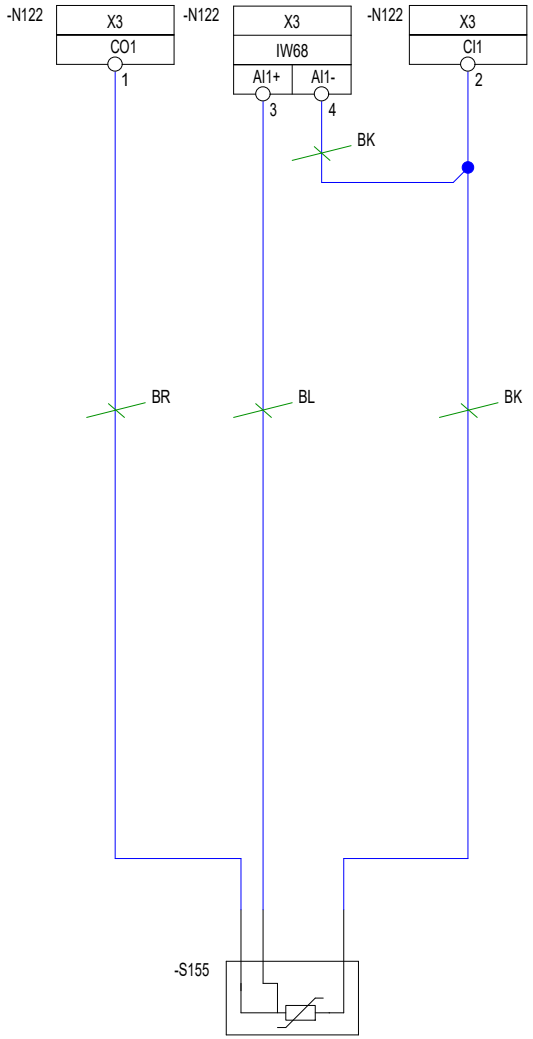


SENSOR NUT Z AXIS

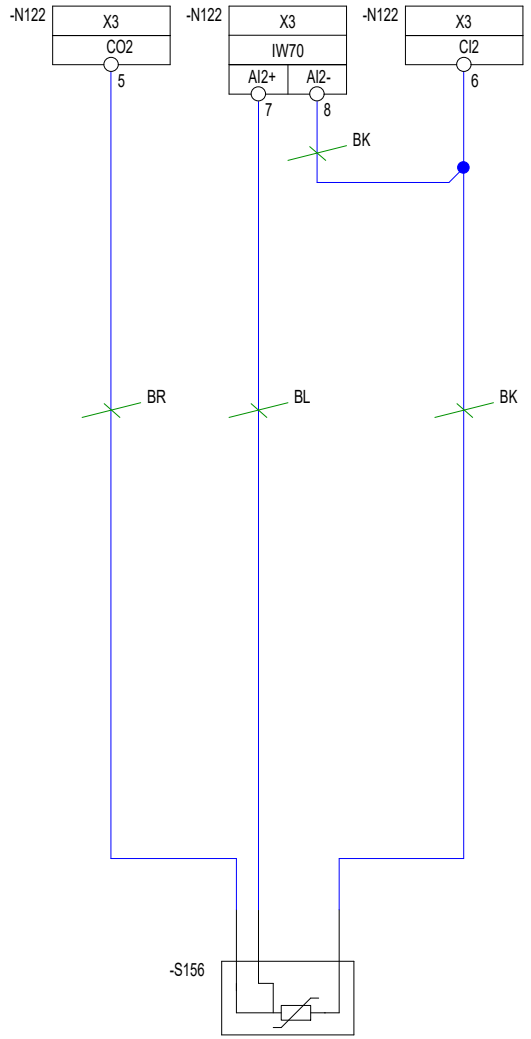
REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	THERMAL COMPENSATION SYSTEM - WITHOUT LINEAR SCALE			
ROMI®	DESIGNED	FERNANDO	08/12/2016	PROJECTION / SIZE A3
	DRAWER	ANDREW	08/12/2016	
	CONTROLLED	VILALTA	08/12/2016	
REFERENCE ROMI DCM	SHEET 80	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D



SENSOR BEARINGS

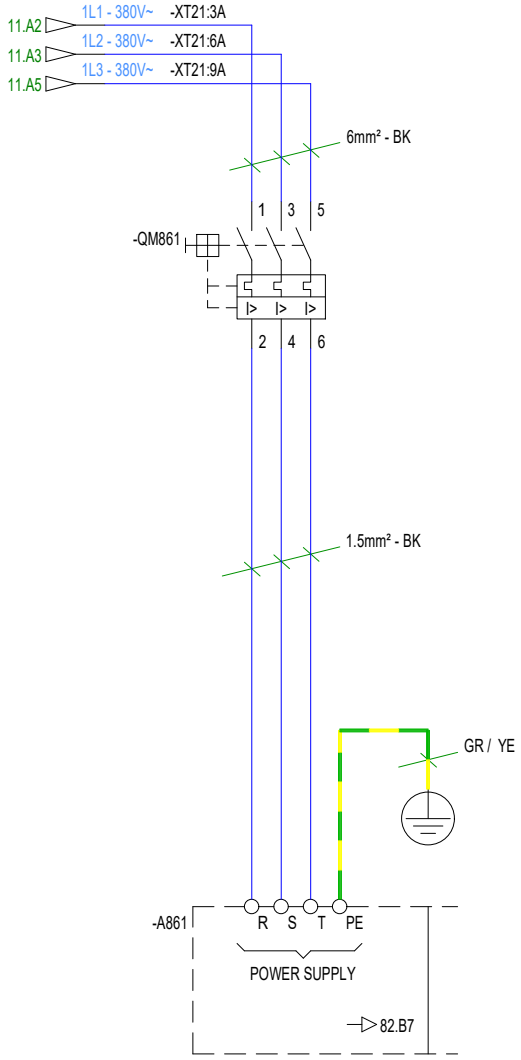


SENSOR BASE

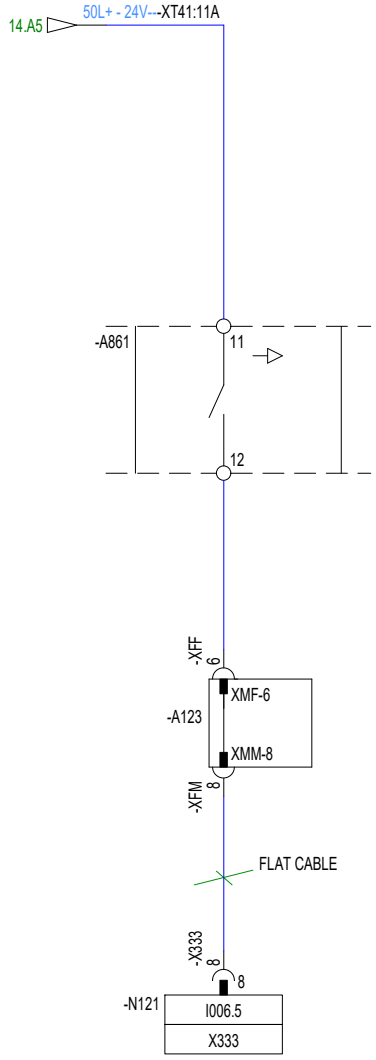
REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	THERMAL COMPENSATION SYSTEM - WITHOUT LINEAR SCALE			
ROMI®	DESIGNED	FERNANDO	08/12/2016	PROJECTION / SIZE A3
	DRAWER	ANDREW	08/12/2016	
	CONTROLLED	VILALTA	08/12/2016	
REFERENCE ROMI DCM	SHEET 81	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D



LIQUID COOLER INTERFACE

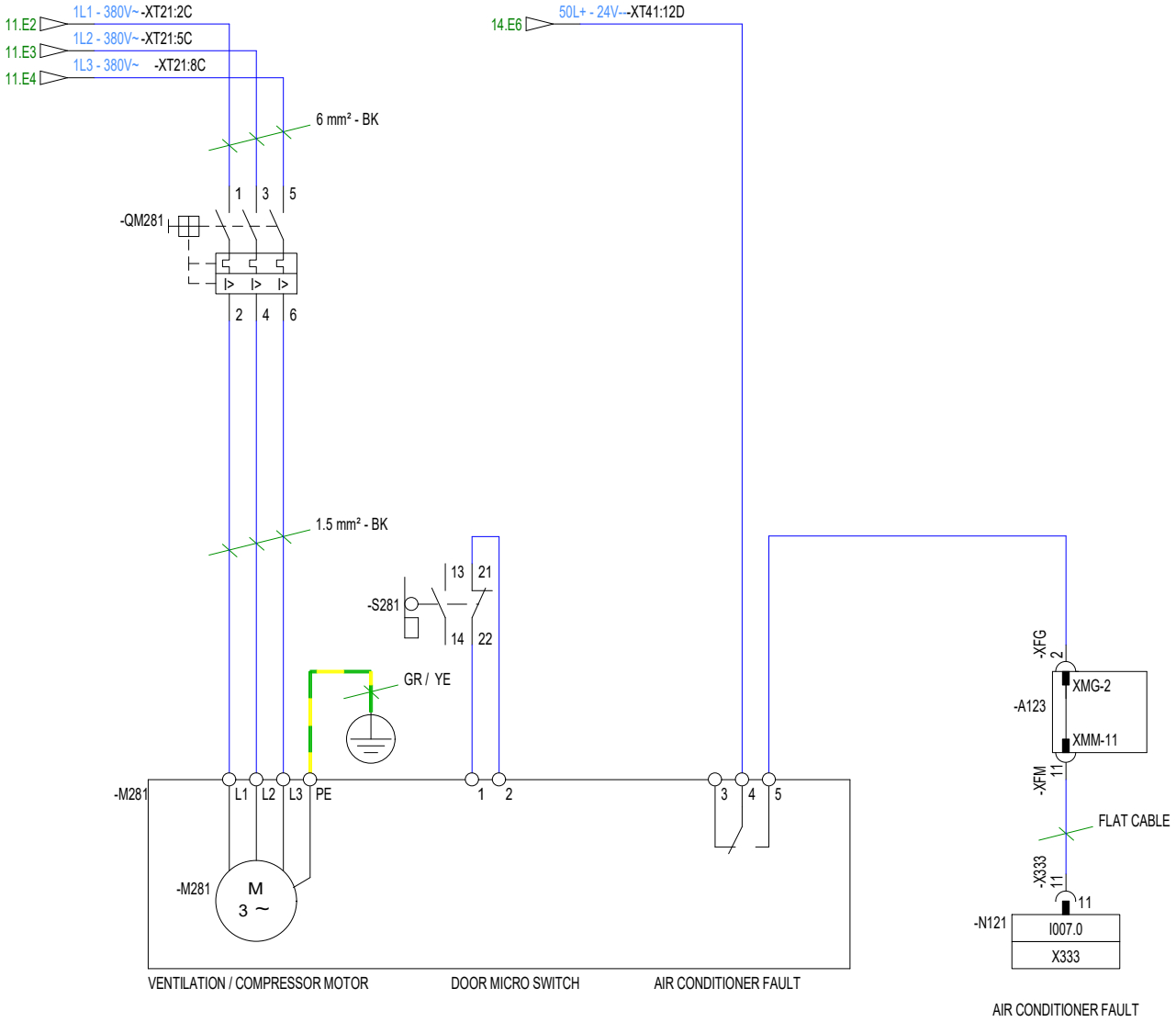


LIQUID COOLER INTERFACE - FAIL

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	HEDSTOCK COOLANT SYSTEM				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 82	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

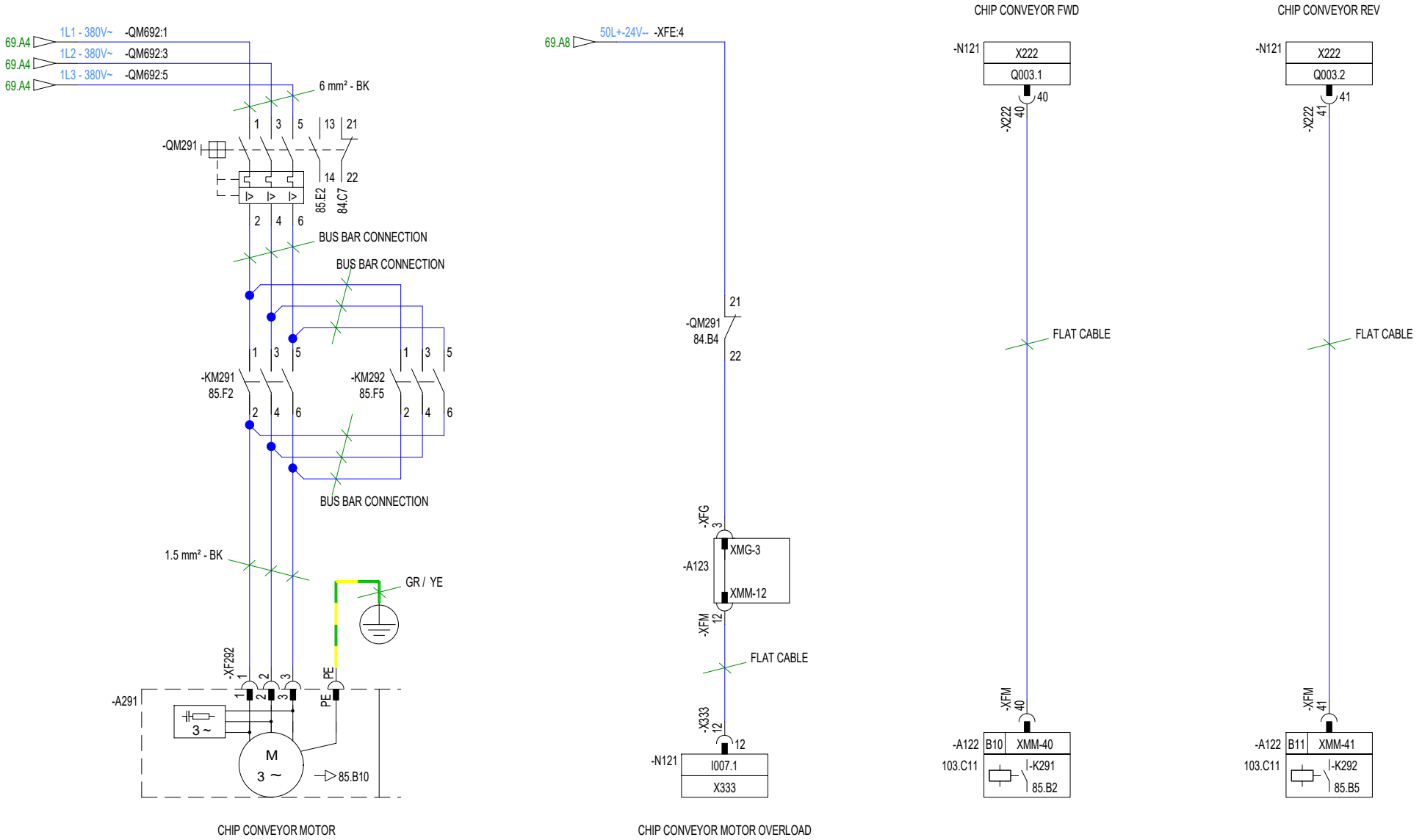
DESCRIPTION: AIR CONDITIONER

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

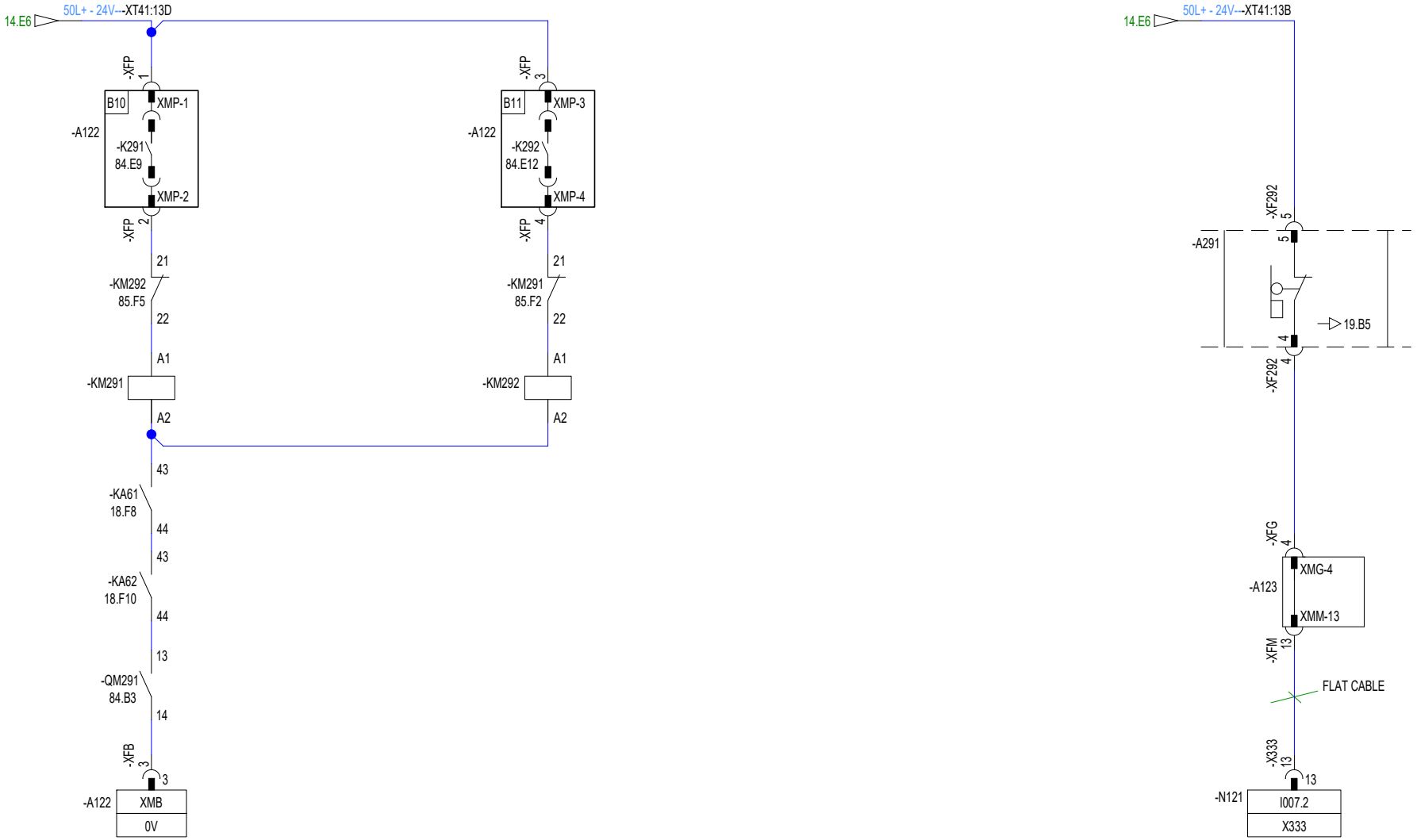
PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	83		ROMI DCM 620-5X V3.0	U14186D

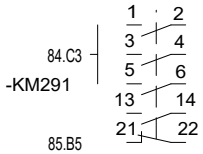


REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

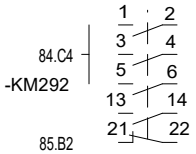
DESCRIPTION	CHIP CONVEYOR INTERFACE		
ROMI®	DESIGNED	FERNANDO	11/09/2013
	DRAWER	ANDREW	11/09/2013
	CONTROLLED	VILALTA	11/09/2013
PROJECTION	SIZE	A3	
REFERENCE ROMI DCM	SHEET 84	SCALE	APPLICATION ROMI DCM 620-5X V3.0
N° U14186D			



FORWARD CHIP CONVEYOR MOTOR CONTACTOR



REVERSE CHIP CONVEYOR MOTOR CONTACTOR

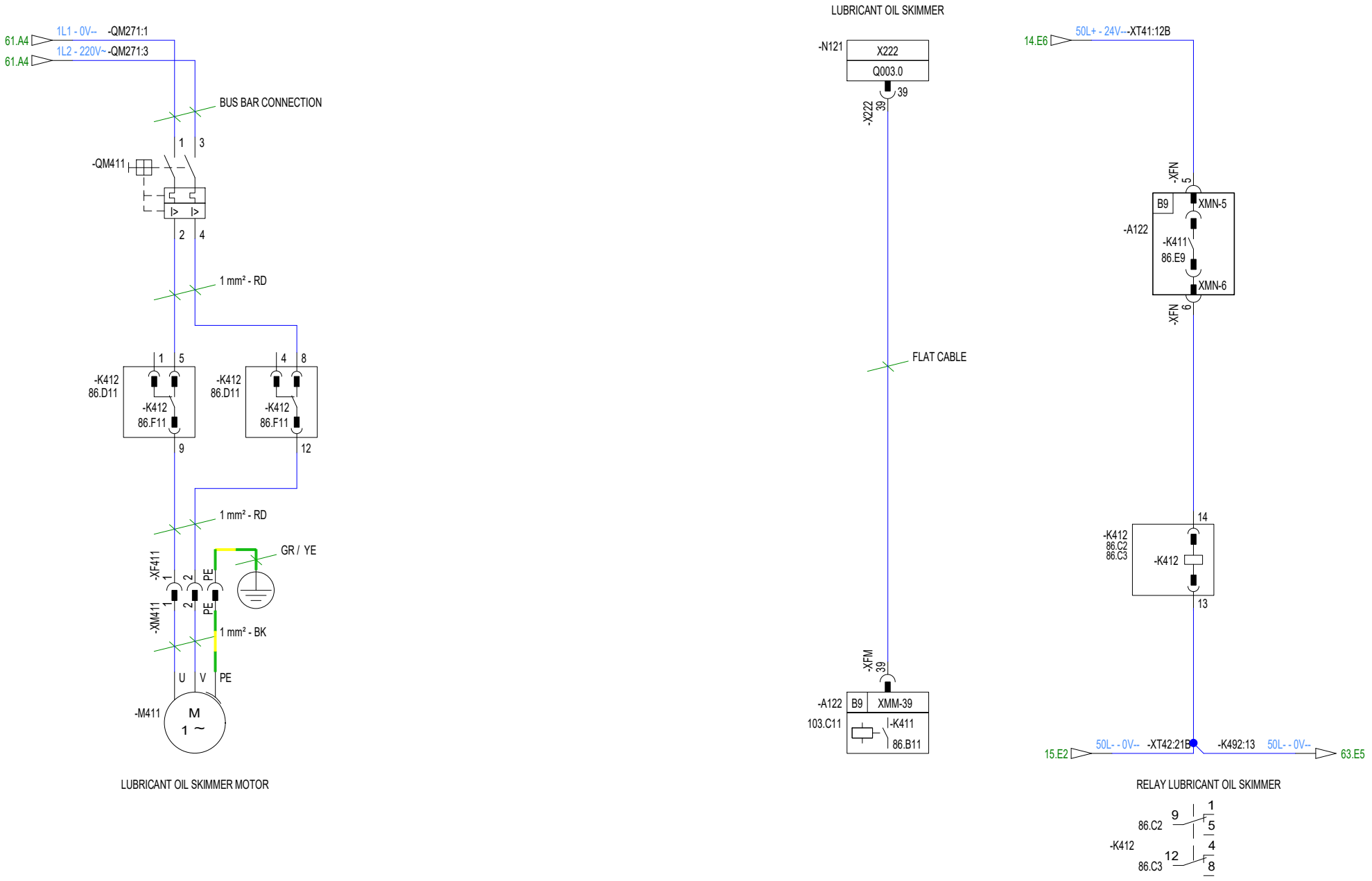


CHIP CONVEYOR CLAMP SENSOR

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

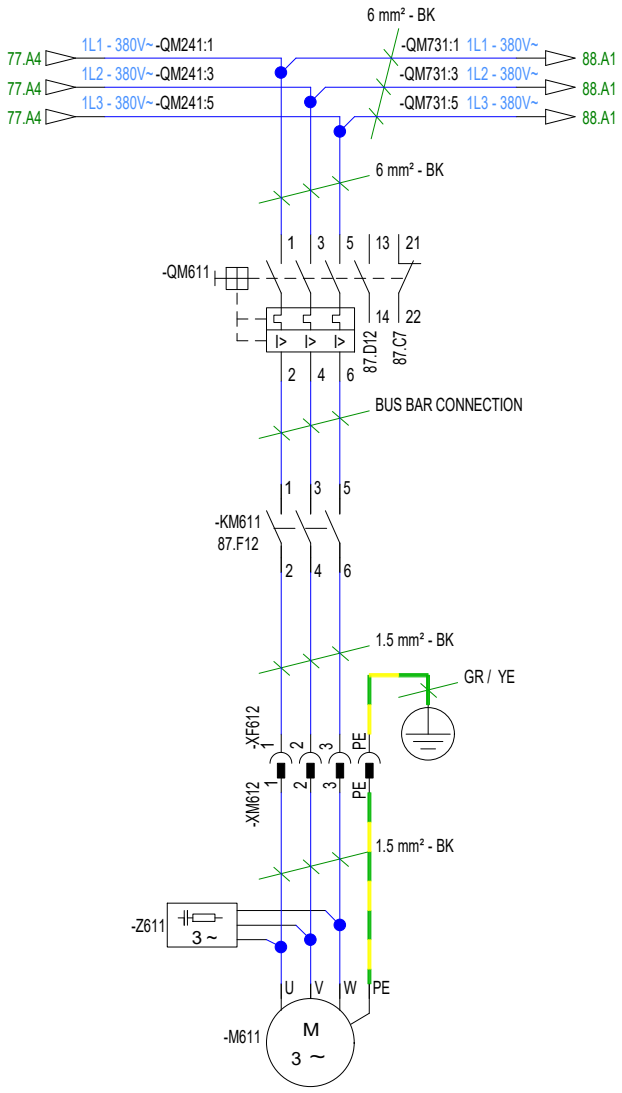
DESCRIPTION	CHIP CONVEYOR INTERFACE				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 85	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	



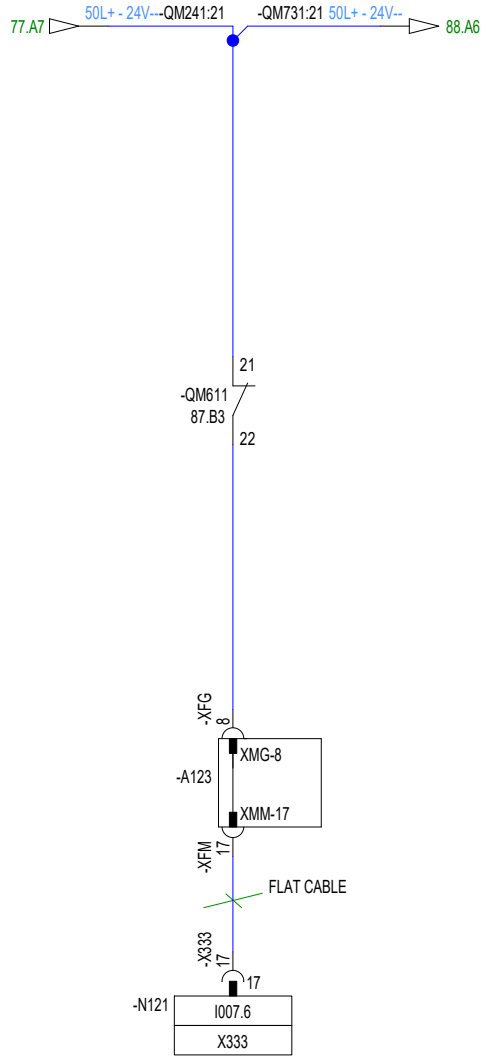
REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

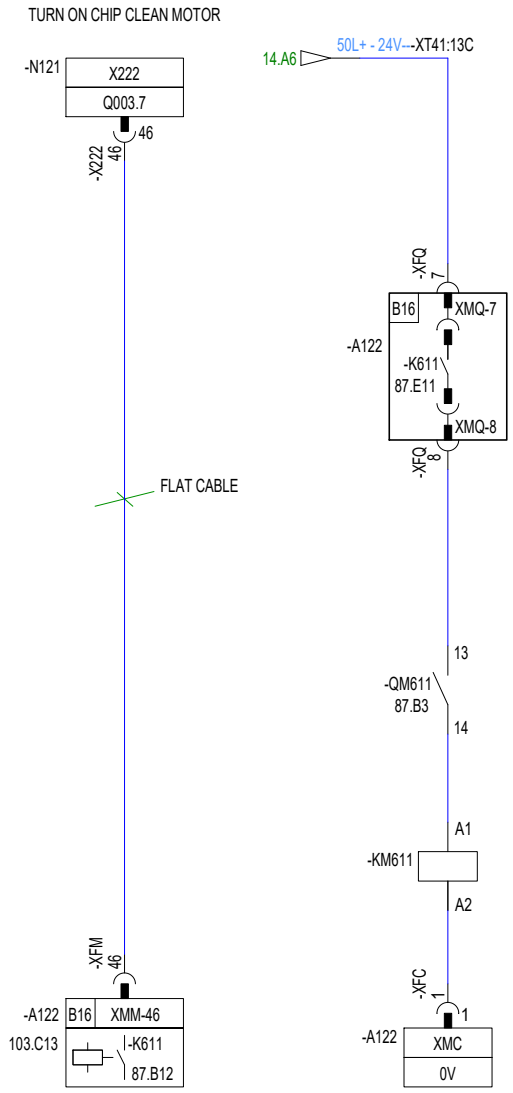
DESCRIPTION	LUBRICANT OIL SKIMMER			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE
	DRAWER	ANDREW	11/09/2013	A3
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 86	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D

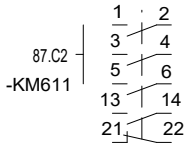


CHIP CLEAN MOTOR



CHIP CLEAN FLOOD MOTOR OVERLOAD





REL.	MODIFICATION	MODIF.	APROV.	DATE

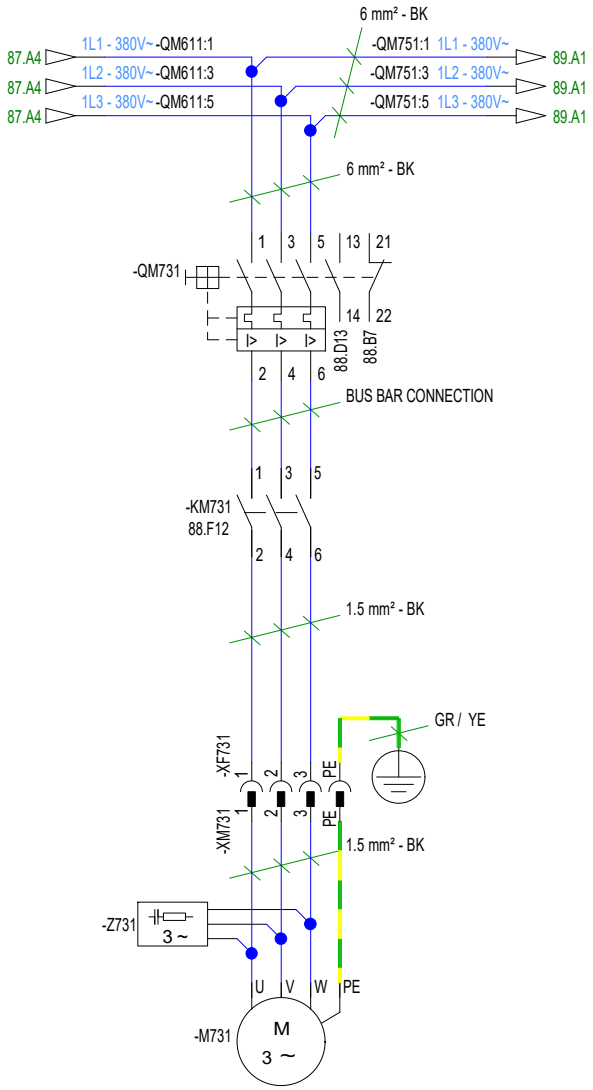
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: CHIP CLEAN

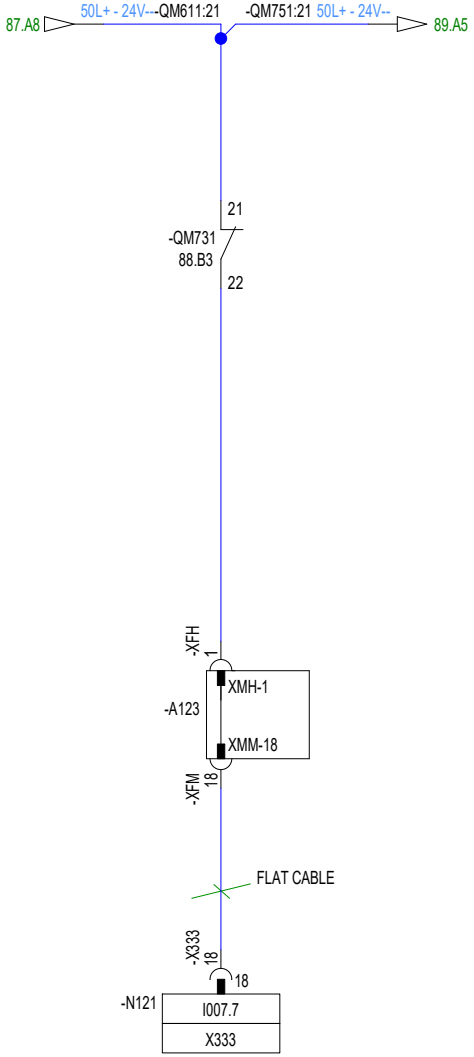
ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

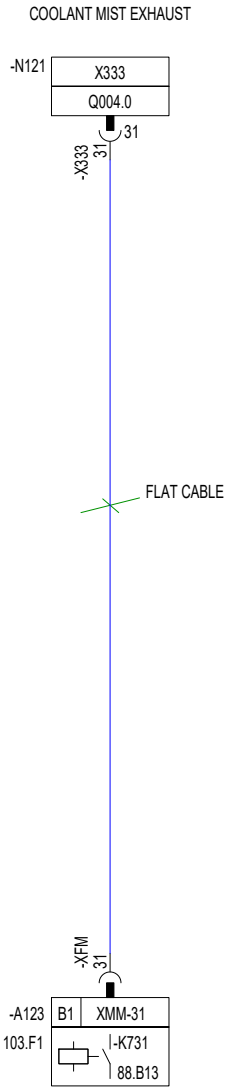
REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	87		ROMI DCM 620-5X V3.0	U14186D



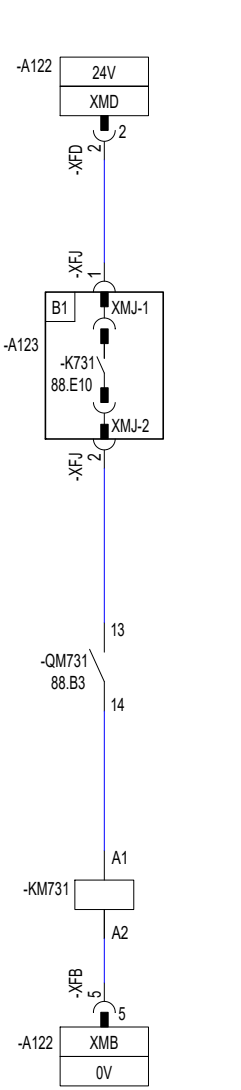
COOLANT MIST EXHAUST MOTOR



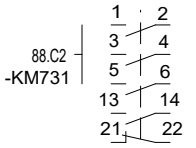
COOLANT MIST EXHAUST MOTOR OVERLOAD



MIST EXAUST RELAY



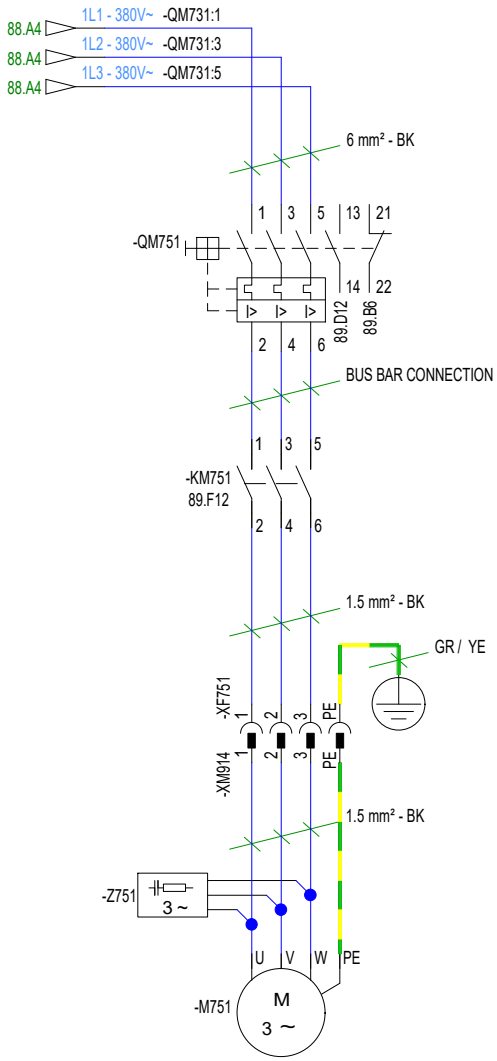
COOLANT MIST EXHAUST CONTACTOR



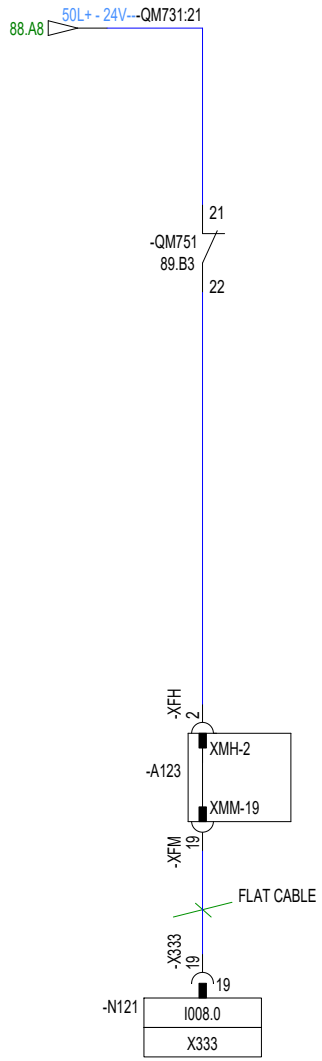
REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

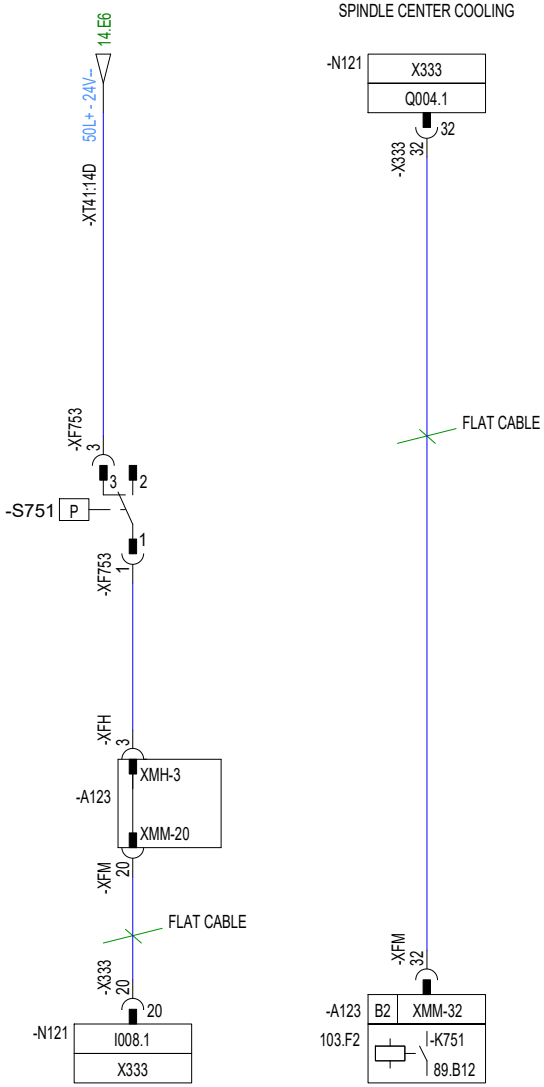
DESCRIPTION	COOLANT MIST EXHAUST			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE
	DRAWER	ANDREW	11/09/2013	A3
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 88	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D



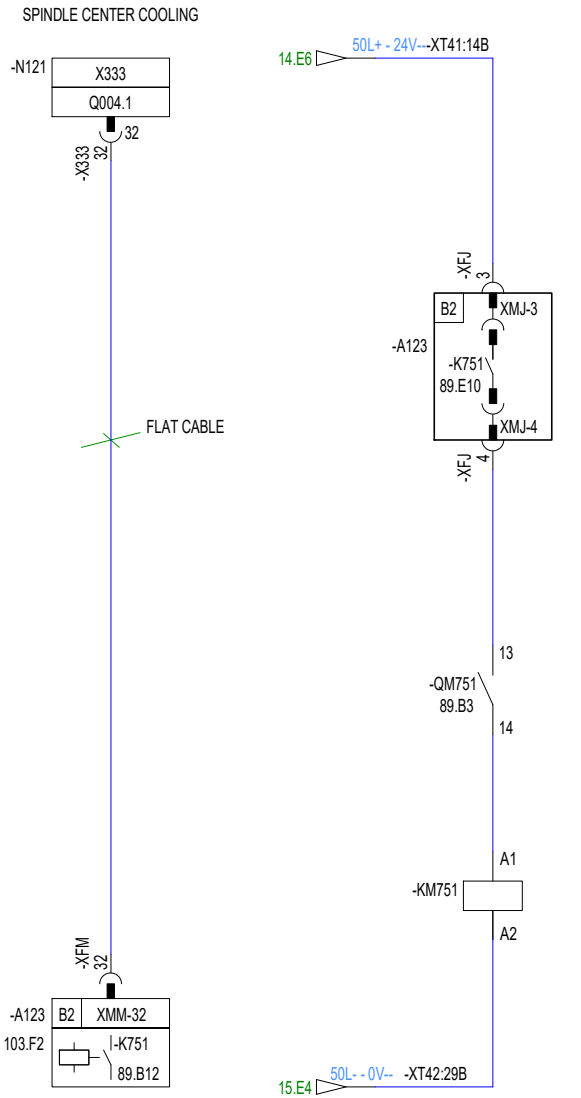
MOTOR FOR SPINDLE CENTER COOLING - 7 BAR



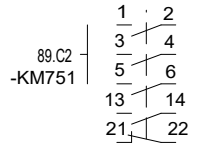
OVERLOAD OF SPINDLE CENTER COOLING MOTOR



DIRTY FILTER PRESSURE SWITCH - 1



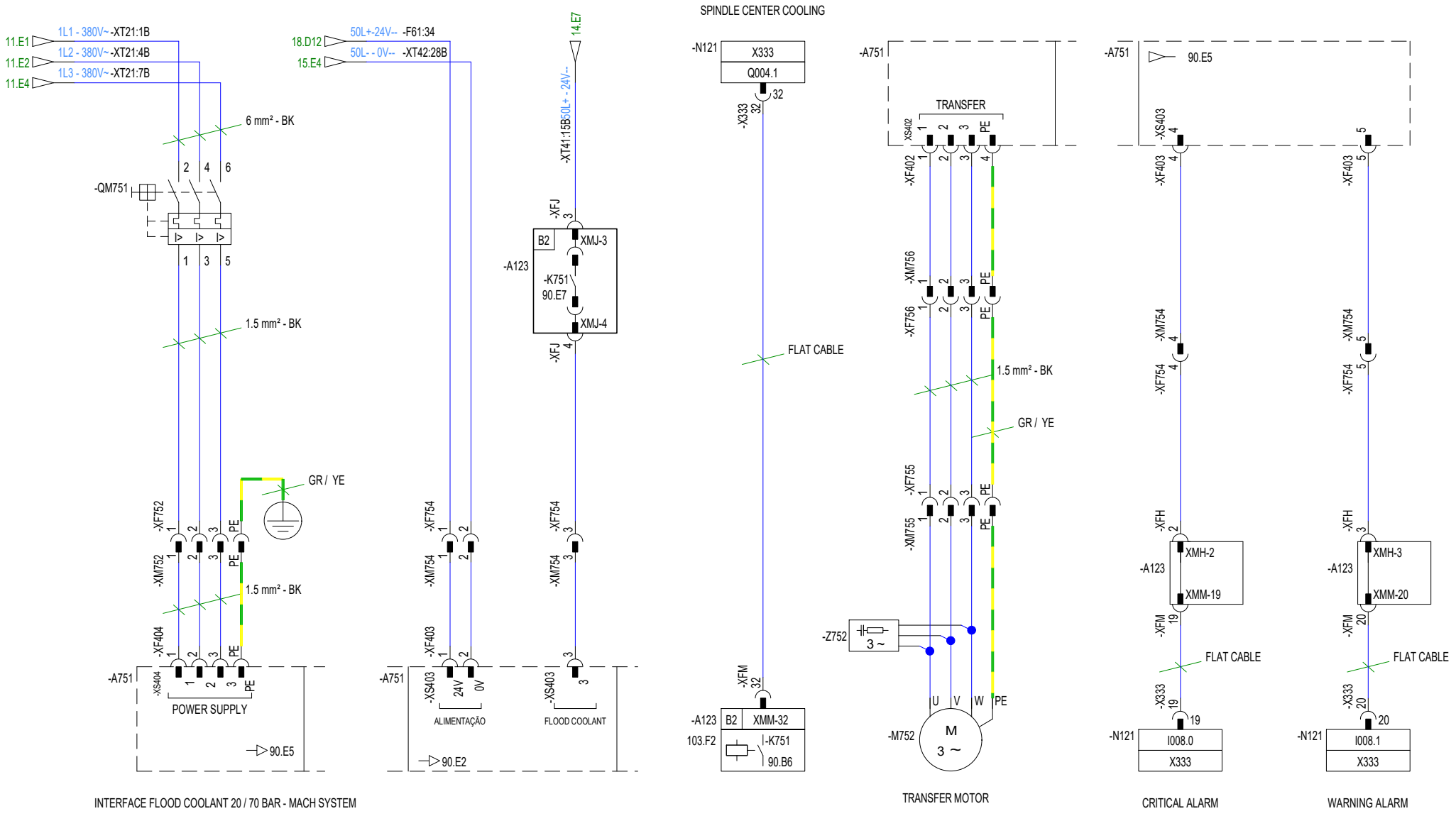
SPINDLE CENTER COOLING MOTOR CONTACTOR



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	SPINDLE CENTER COOLANT - 7 BAR			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE A3
	DRAWER	ANDREW	11/09/2013	
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 89	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D

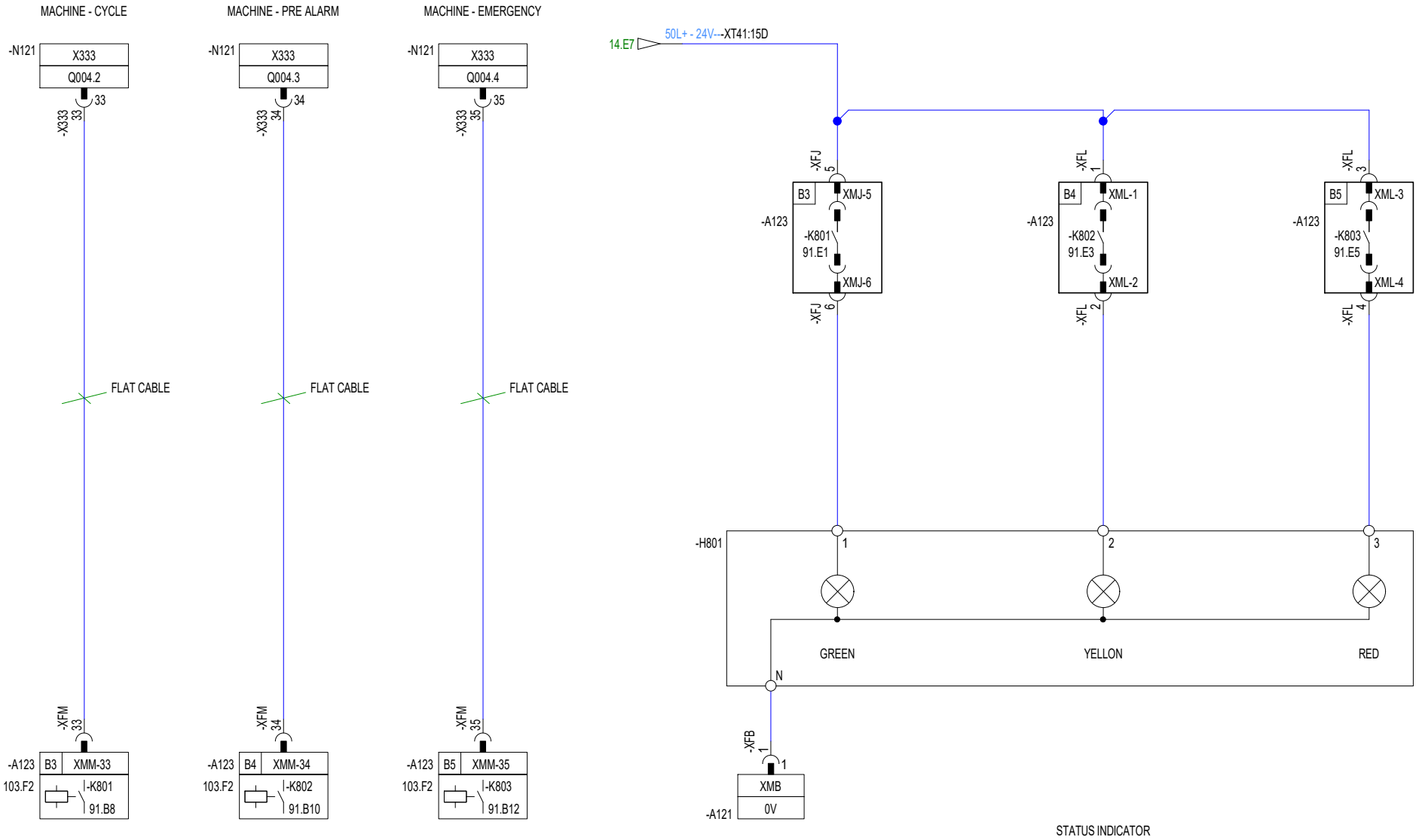


REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	SPINDLE CENTER COOLANT - 20/70 BAR		
ROMI®	DESIGNED	FERNANDO	11/09/2013
	DRAWER	ANDREW	11/09/2013
	CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	90		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

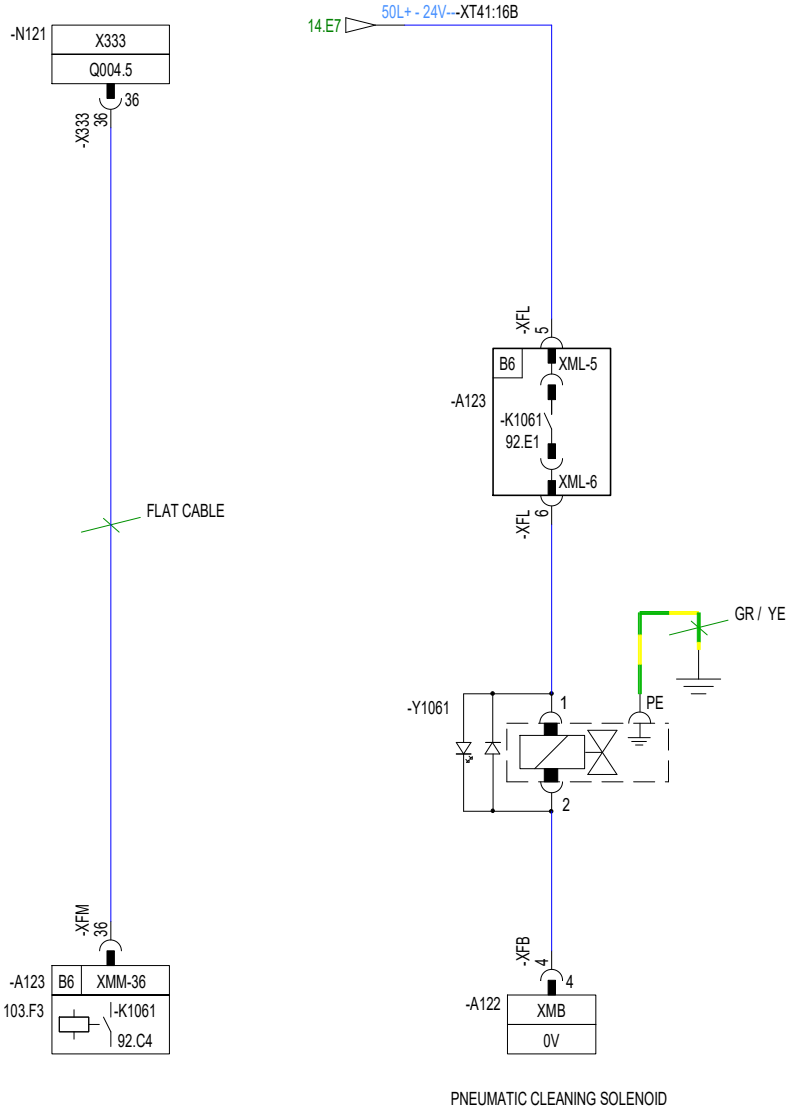
DESCRIPTION: STATUS INDICATOR

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	91		ROMI DCM 620-5X V3.0	U14186D

PNEUMATIC CLEANING

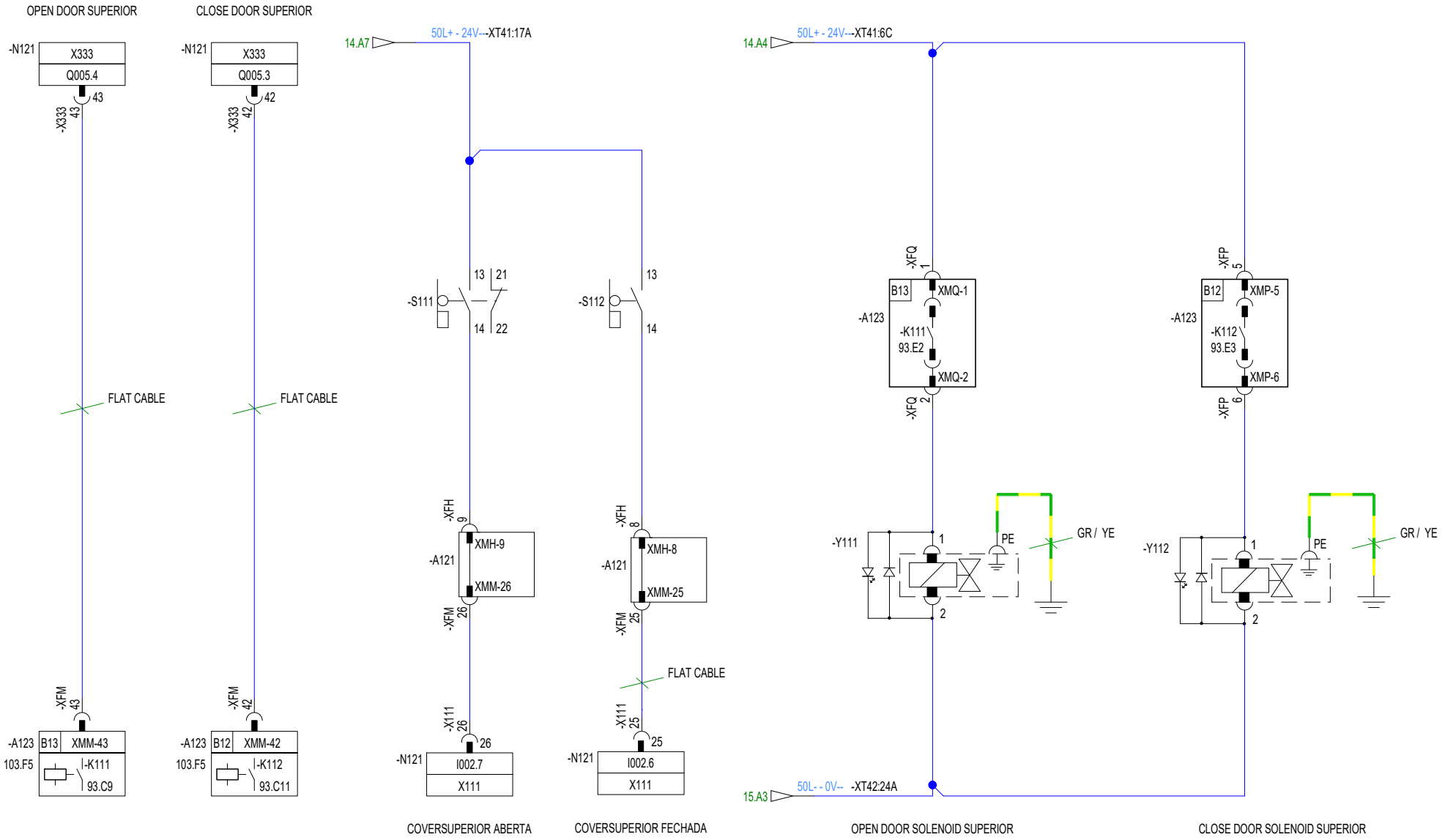


PNEUMATIC CLEANING SOLENOID

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

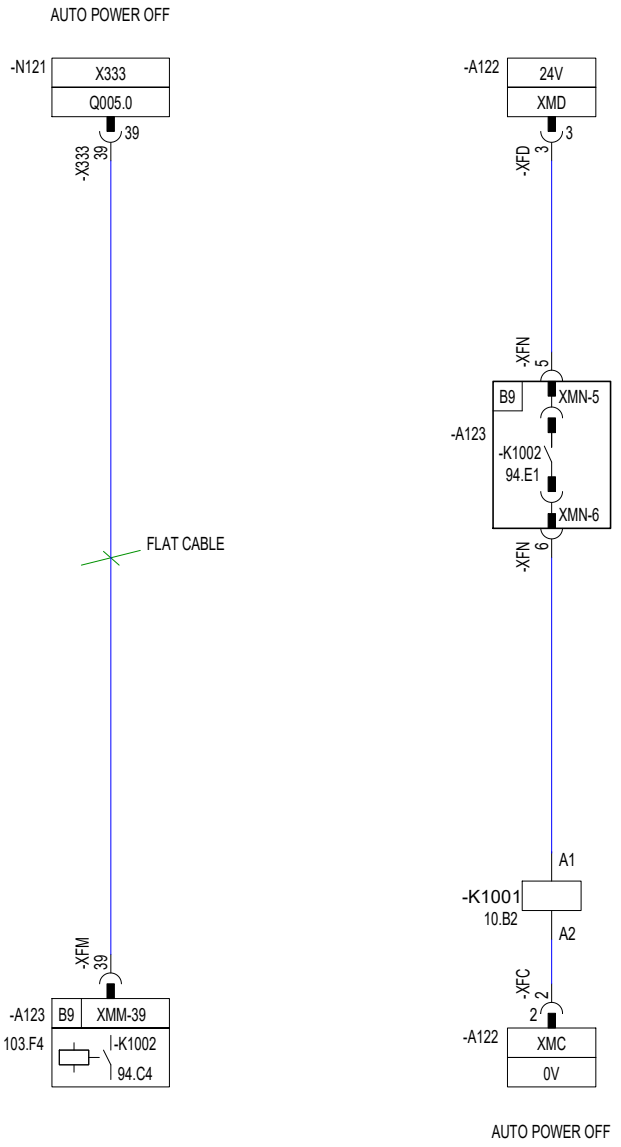
DESCRIPTION	PNEUMATIC CLEANING			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE
	DRAWER	ANDREW	11/09/2013	A3
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 92	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	TOP COVERAGE MACHINING AREA				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 93	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	



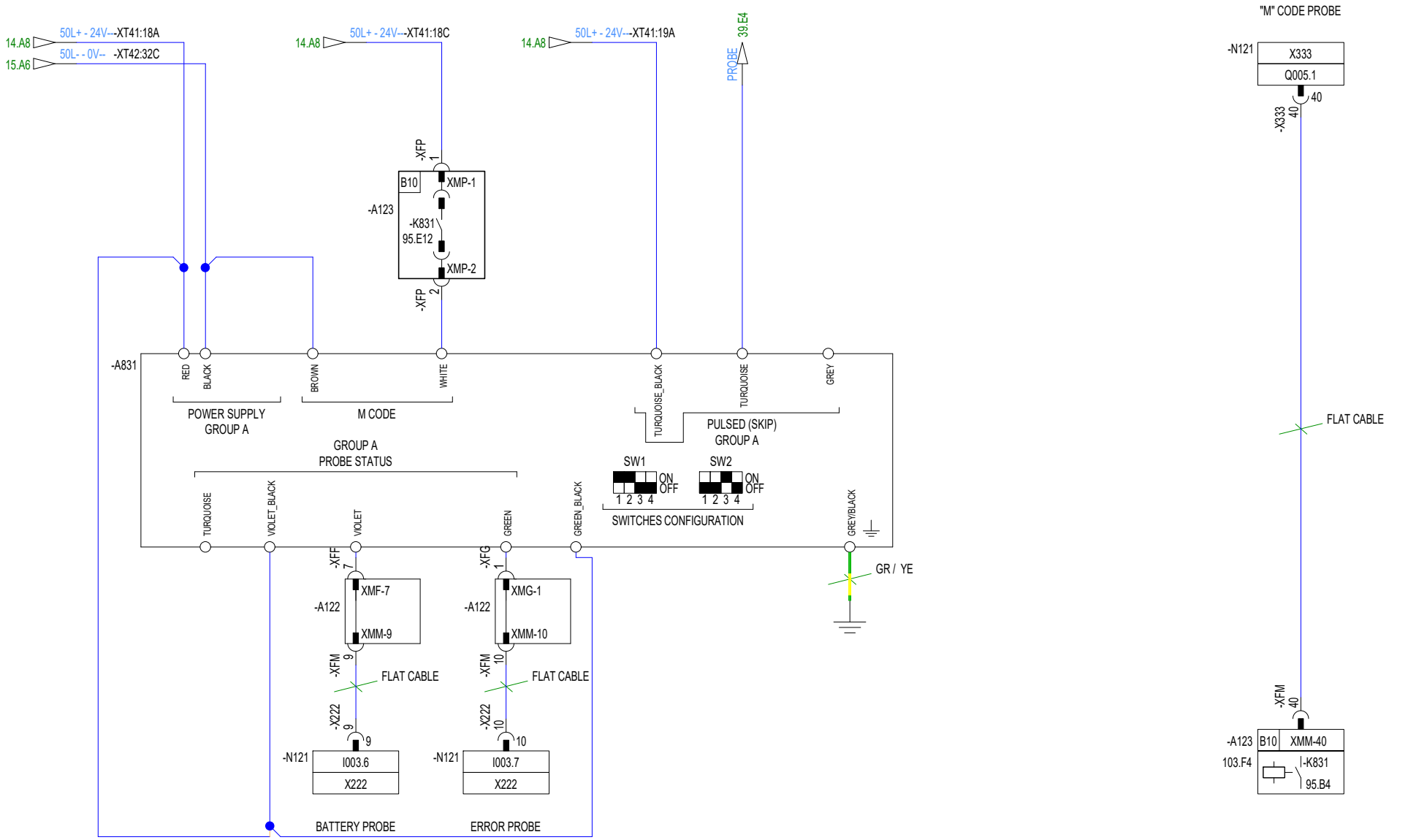
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: AUTO POWER OFF

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	N°
ROMI DCM	94		ROMI DCM 620-5X V3.0	U14186D

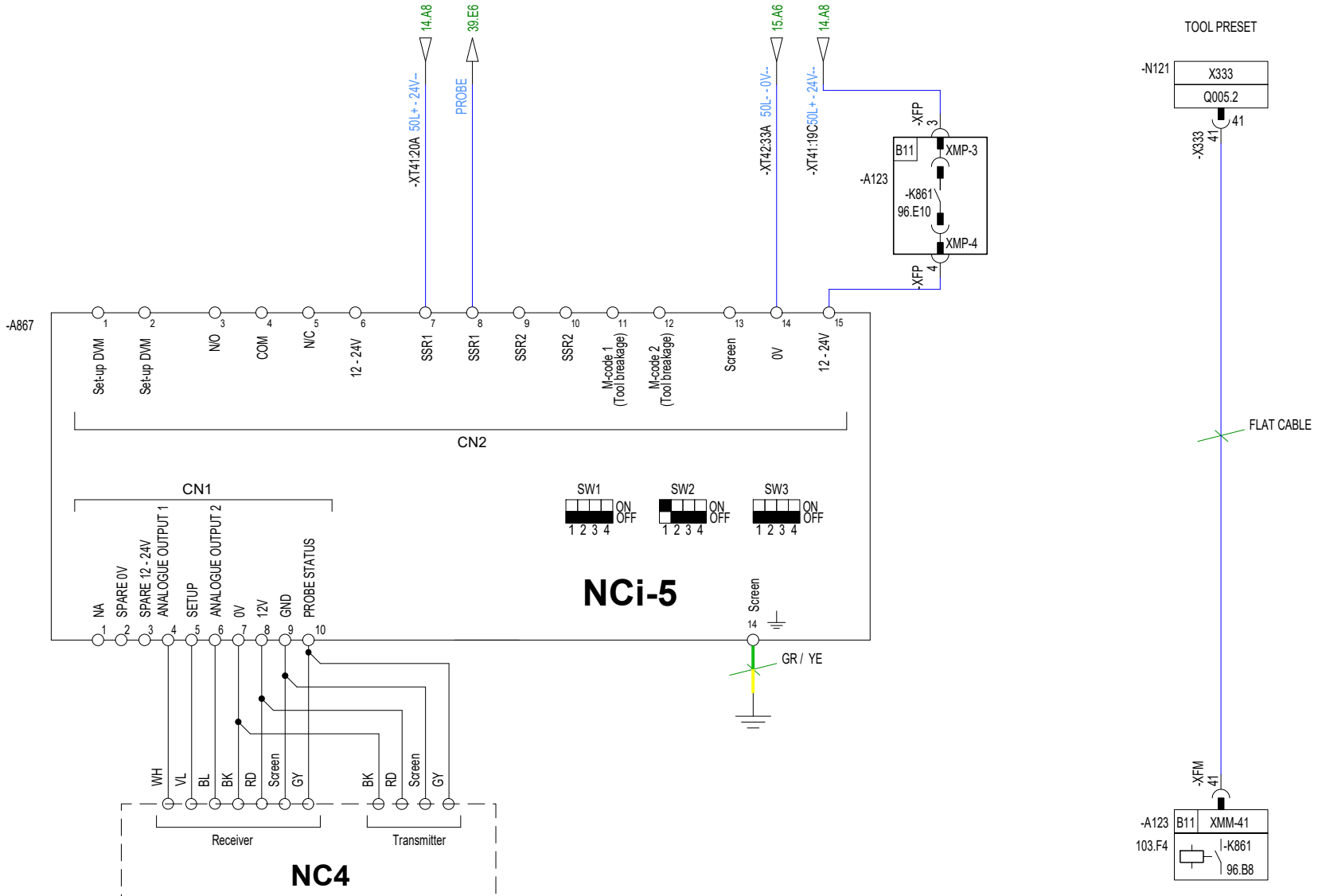


REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	PART MEASUREMENT/INSPECTION		
ROMI®	DESIGNED	FERNANDO	11/09/2013
	DRAWER	ANDREW	11/09/2013
	CONTROLLED	VILALTA	11/09/2013
REFERENCE ROMI DCM	SHEET 95	SCALE	APPLICATION ROMI DCM 620-5X V3.0

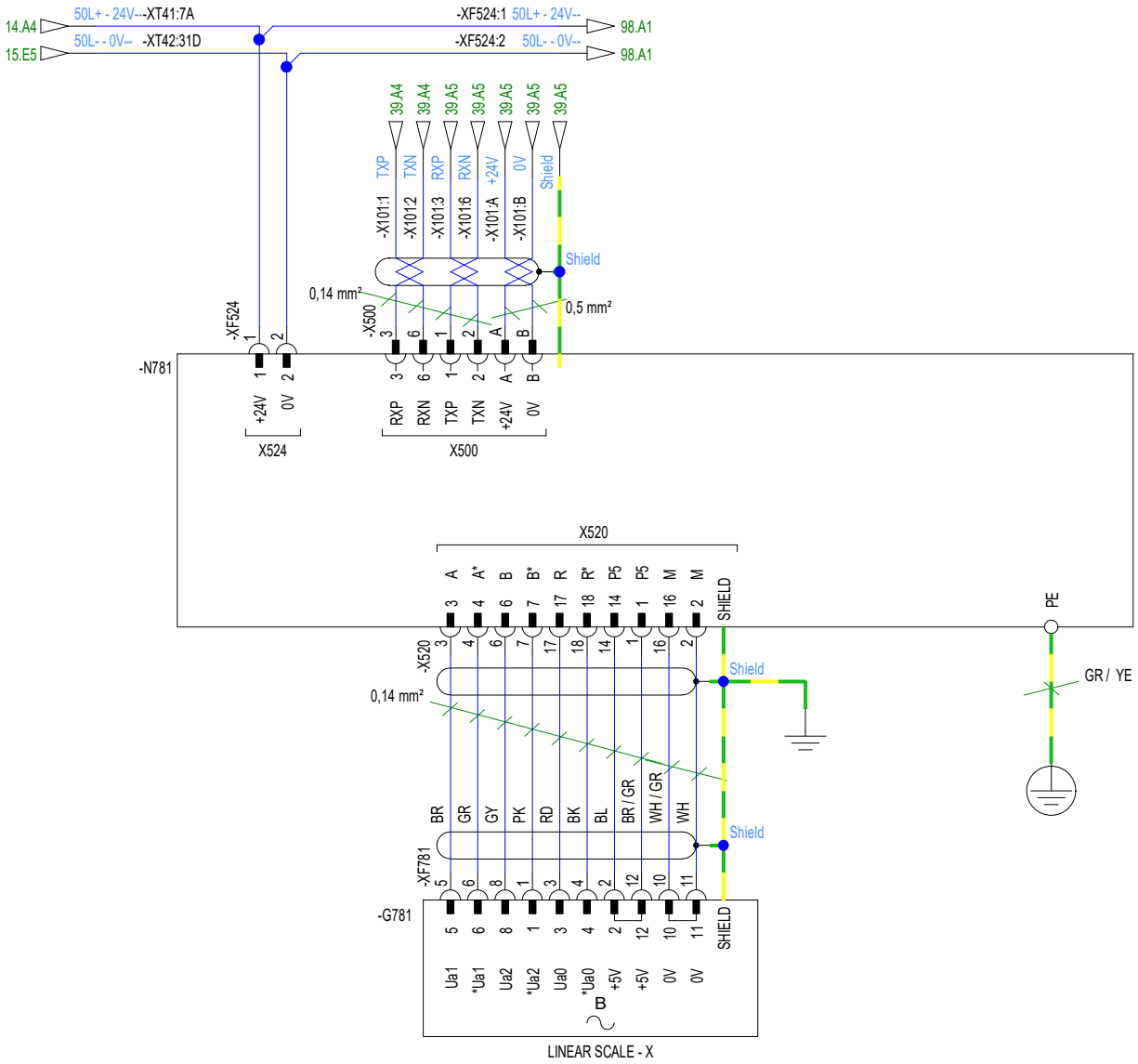
PROJECTION | SIZE A3

N° U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	TOOL PRESET		
ROMI®	DESIGNED	FERNANDO	11/09/2013
	DRAWER	ANDREW	11/09/2013
	CONTROLLED	VILALTA	11/09/2013
PROJECTION	SIZE	A3	
REFERENCE ROMI DCM	SHEET 96	SCALE	APPLICATION ROMI DCM 620-5X V3.0
N° U14186D			



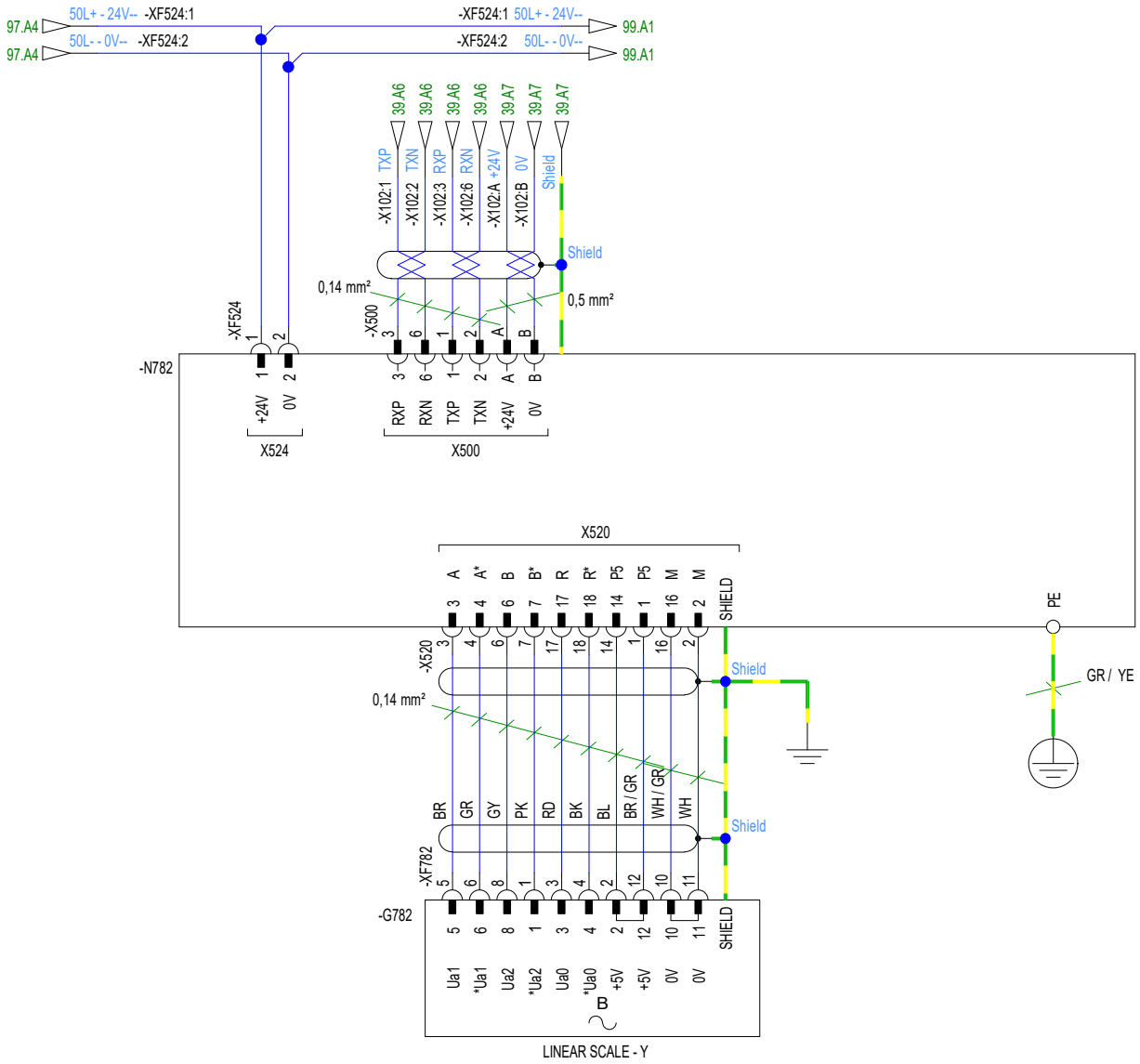
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: LINEAR SCALE - X

ROMI®

			PROJECTION	SIZE
DESIGNED	FERNANDO	11/09/2013		
DRAWER	ANDREW	11/09/2013		A3
CONTROLLED	VILALTA	11/09/2013		

REFERENCE	SHEET	SCALE	APPLICATION	N°
ROMI DCM	97		ROMI DCM 620-5X V3.0	U14186D



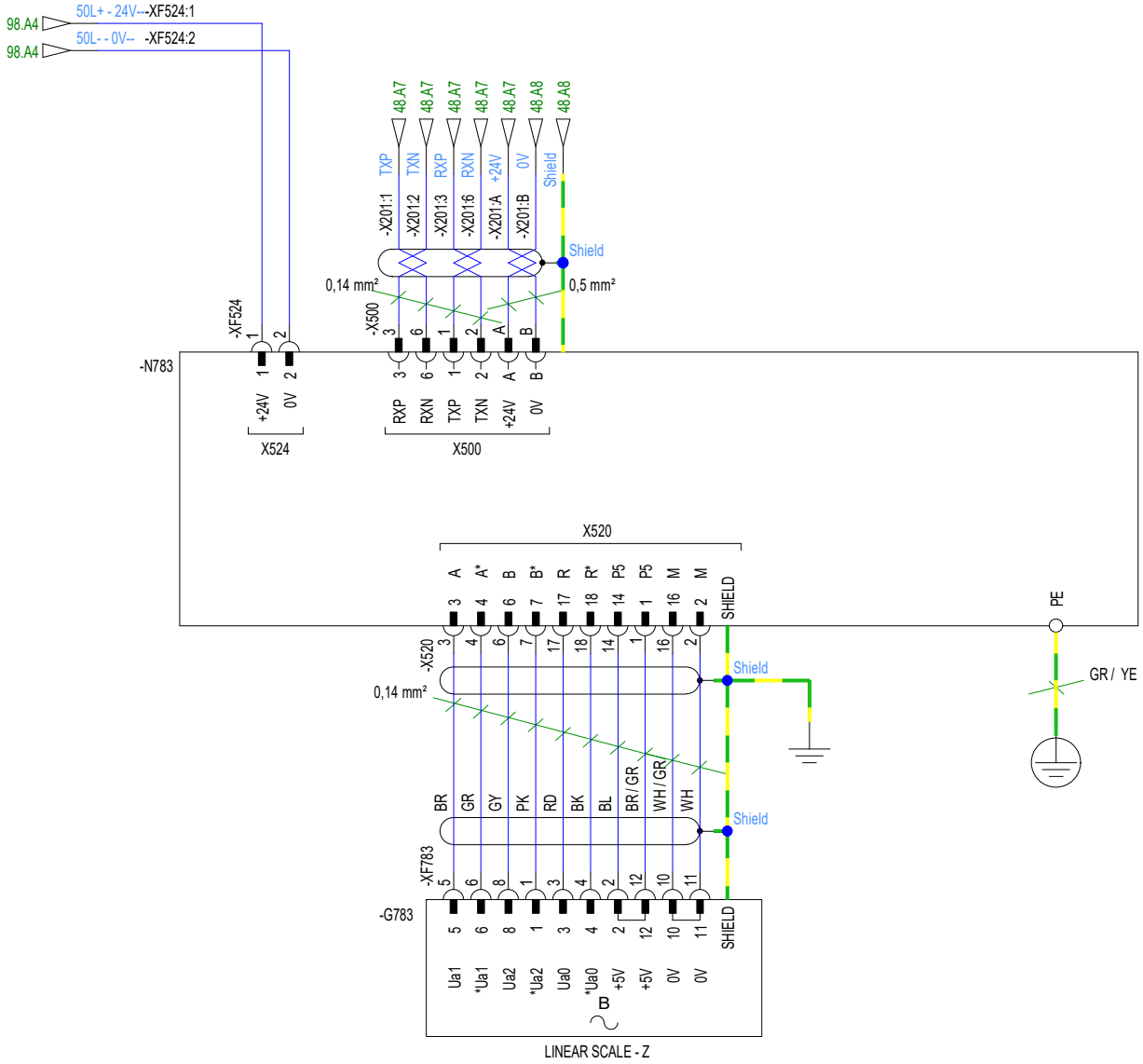
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: LINEAR SCALE - Y

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	98		ROMI DCM 620-5X V3.0	U14186D



REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: LINEAR SCALE - Z

ROMI®

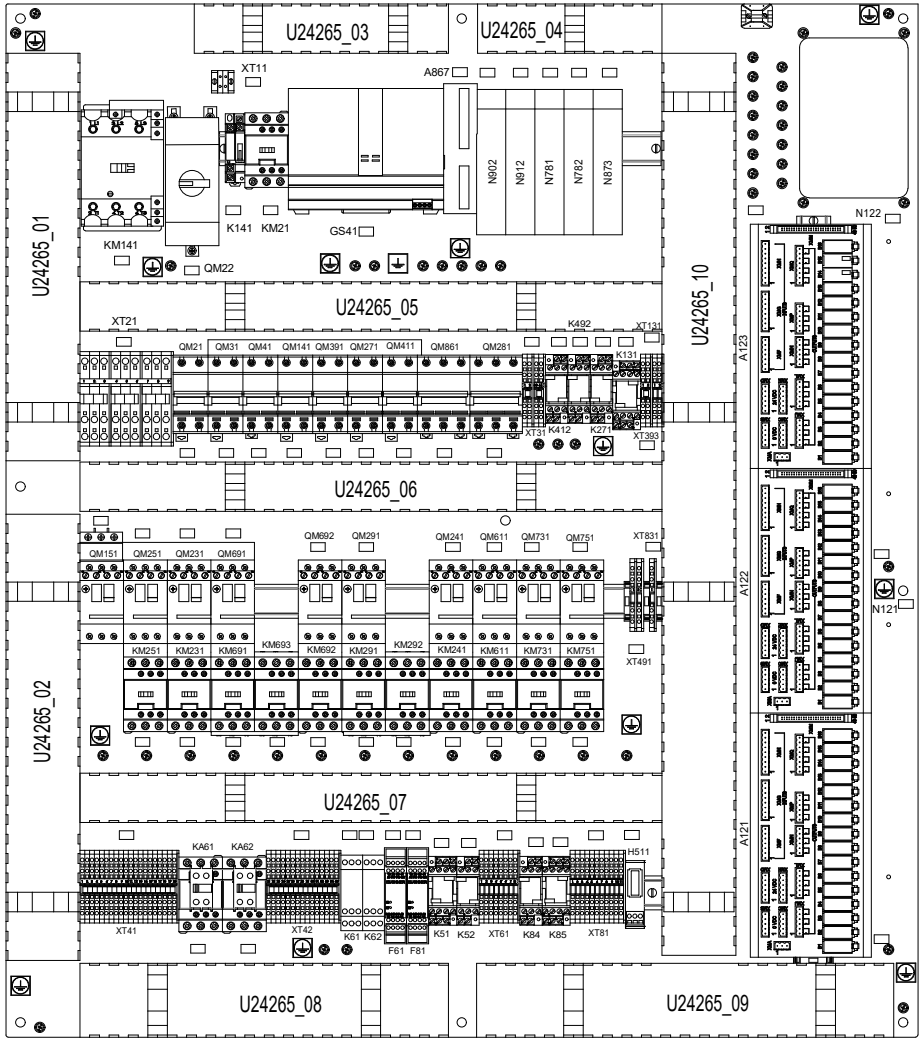
DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

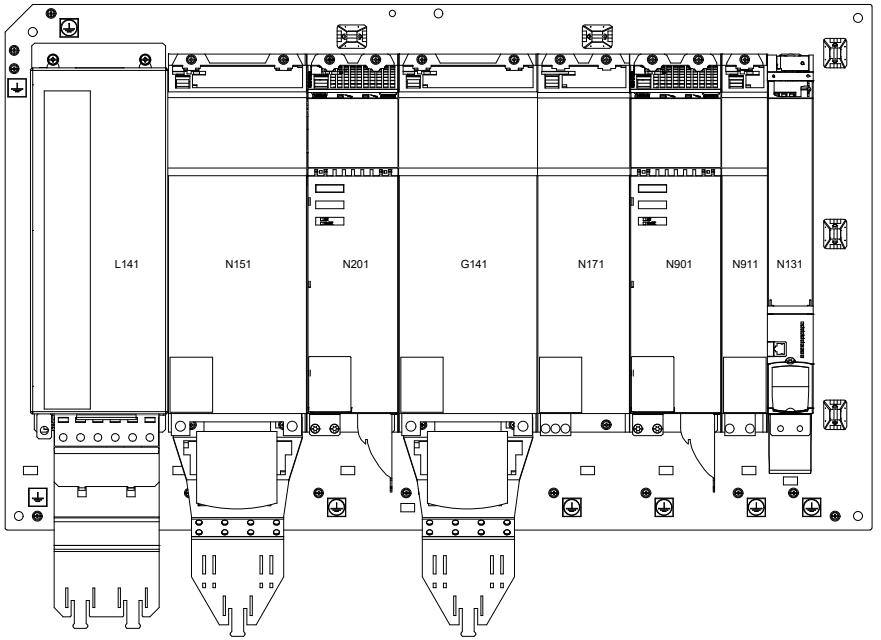
PROJECTION

SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	99		ROMI DCM 620-5X V3.0	U14186D

ELECTRICAL PANEL LAYOUT:



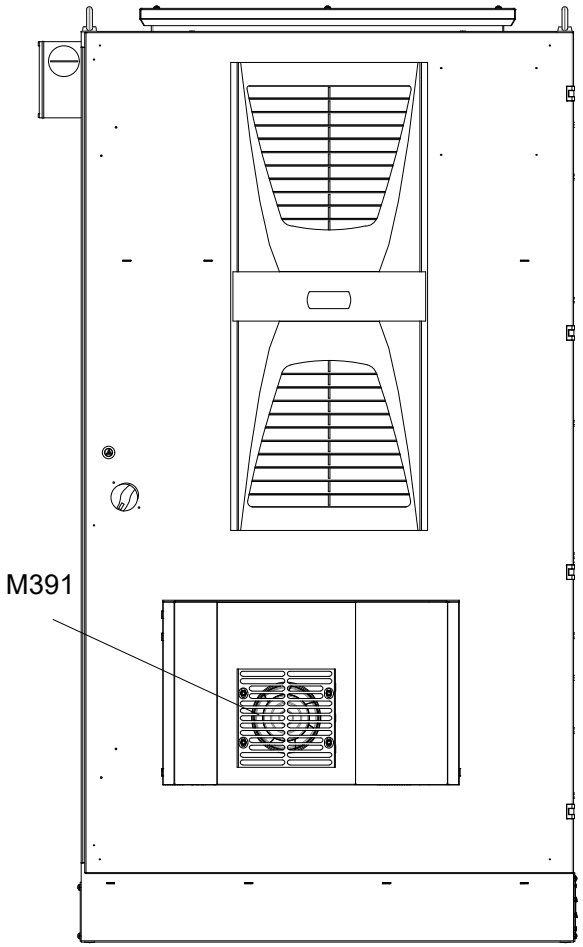


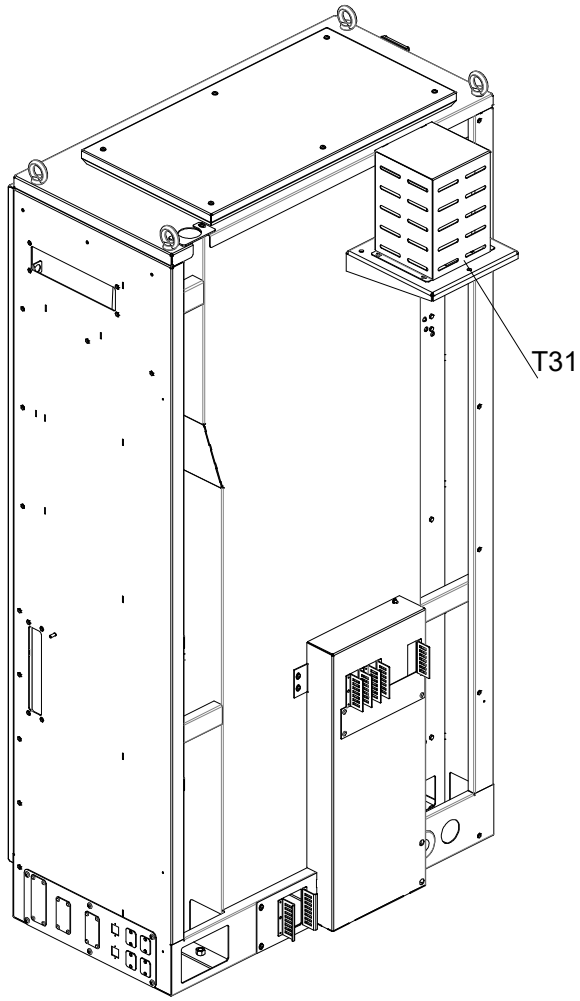
REL.	MODIFICATION	MODIF.	APROV.	DATE

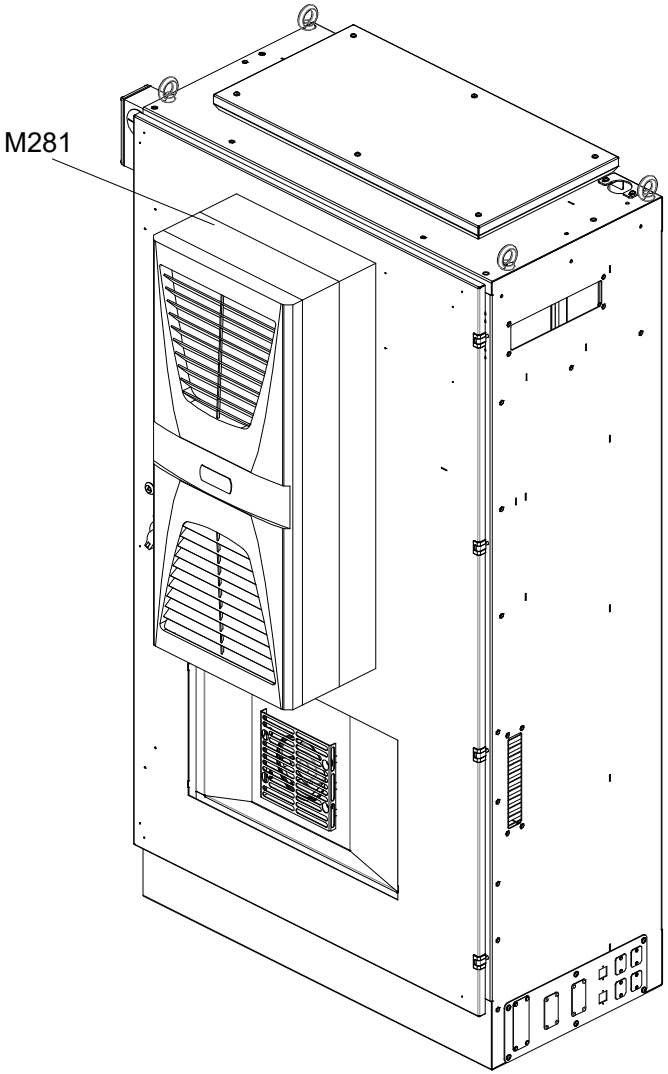
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	ELECTRICAL PANEL LAYOUT				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 100	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	

ELECTRICAL PANEL LAYOUT:





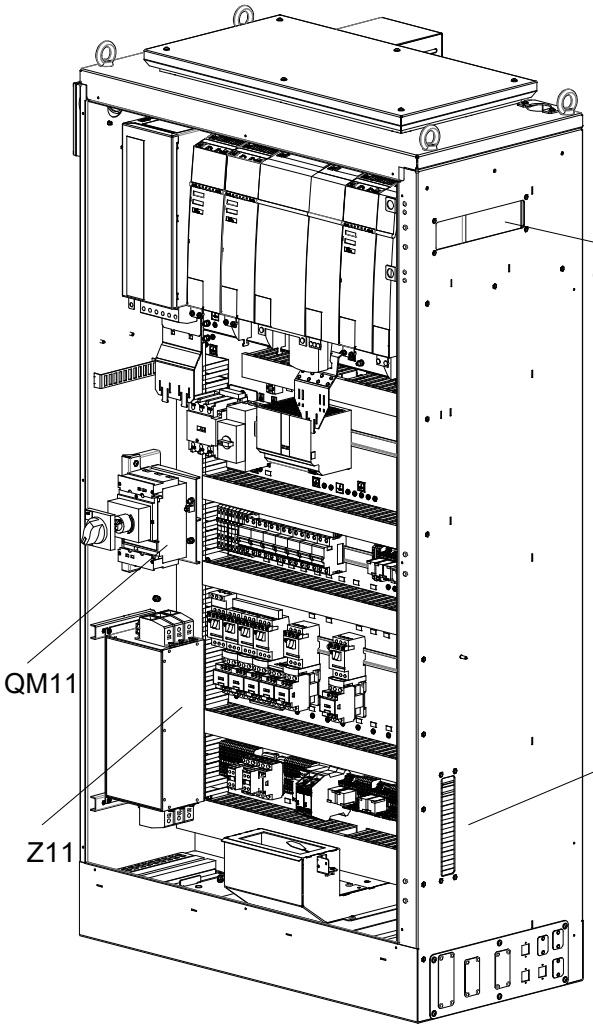


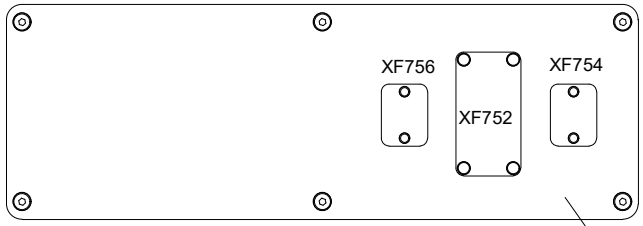
REL.	MODIFICATION	MODIF.	APROV.	DATE

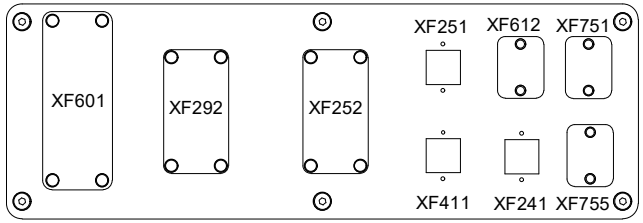
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

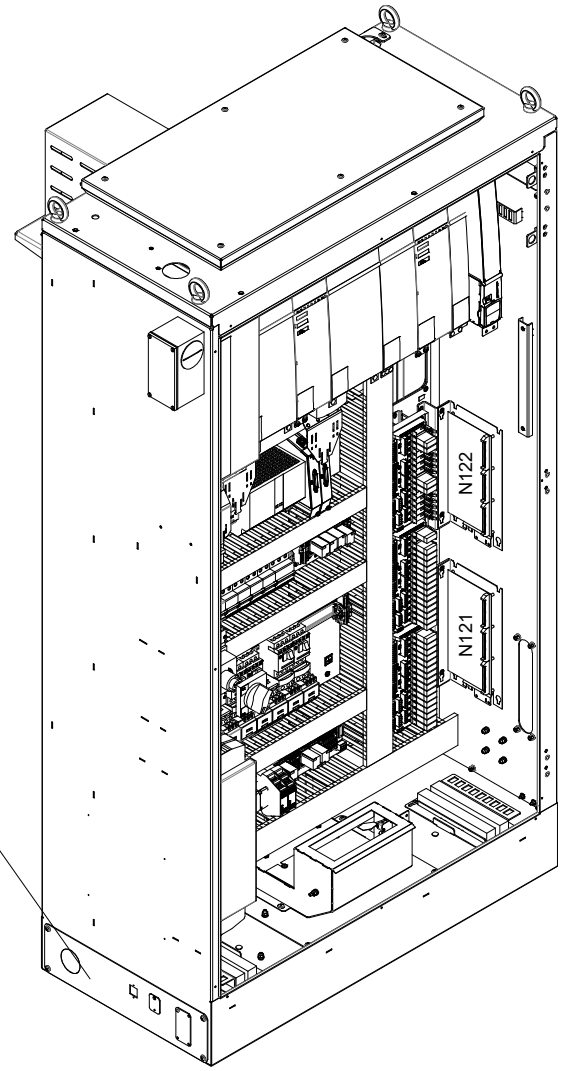
DESCRIPTION	ELECTRICAL PANEL LAYOUT			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE
	DRAWER	ANDREW	11/09/2013	A3
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 101	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D

ELECTRICAL PANEL LAYOUT:







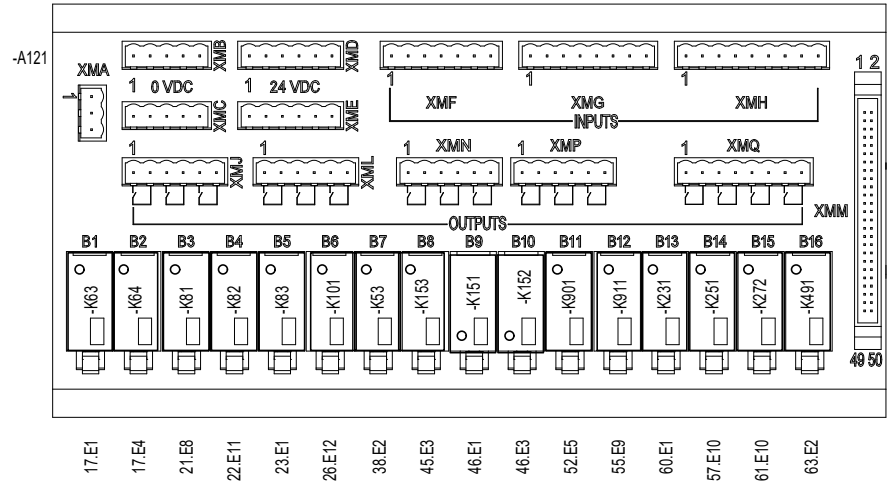


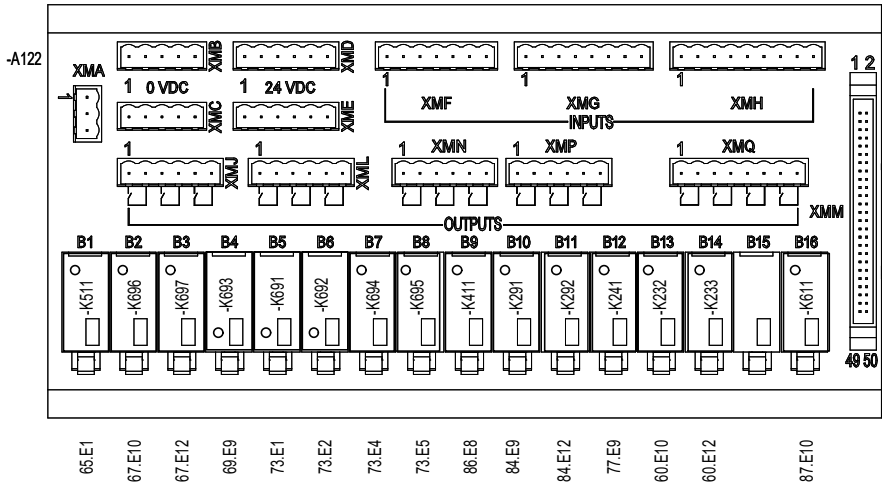
REL.	MODIFICATION	MODIF.	APROV.	DATE

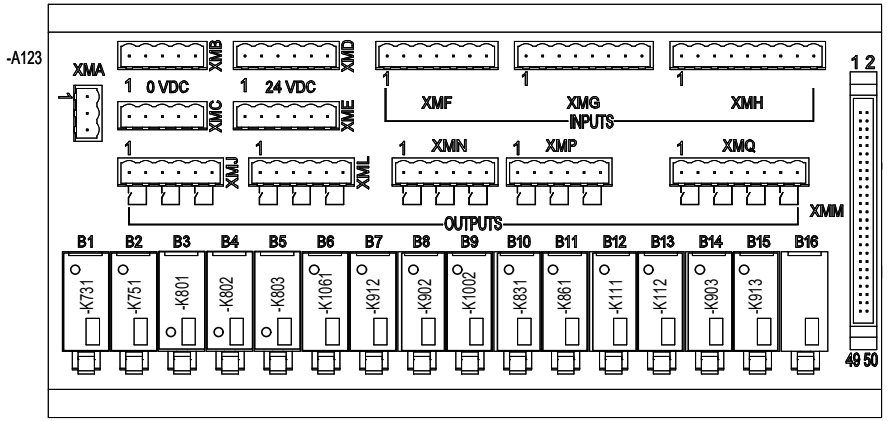
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	ELECTRICAL PANEL LAYOUT				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 102	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	

I/O INTERFACE MODULE - 48/32







REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

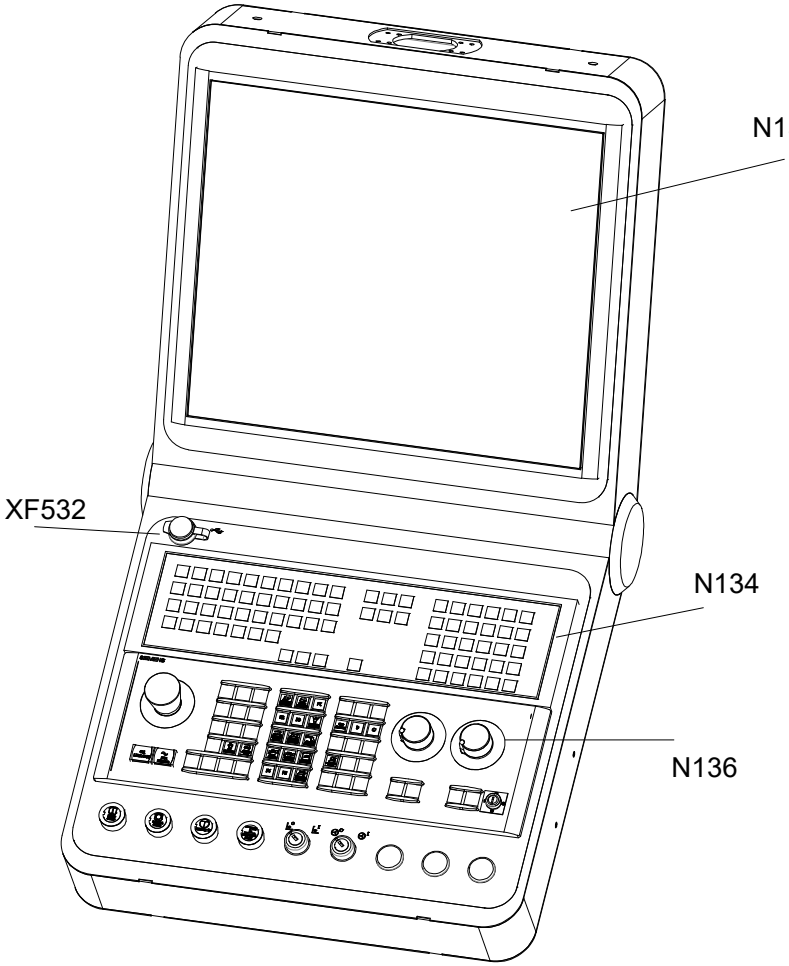
DESCRIPTION: ELECTRICAL PANEL LAYOUT

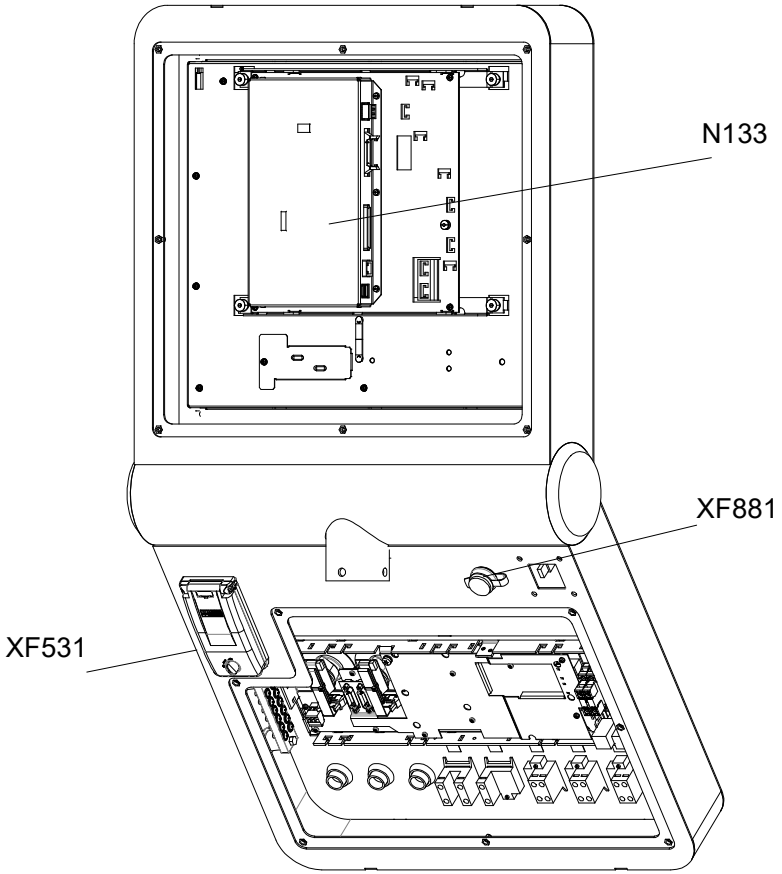
ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	103		ROMI DCM 620-5X V3.0	U14186D

OPERATOR`S PANEL LAYOUT





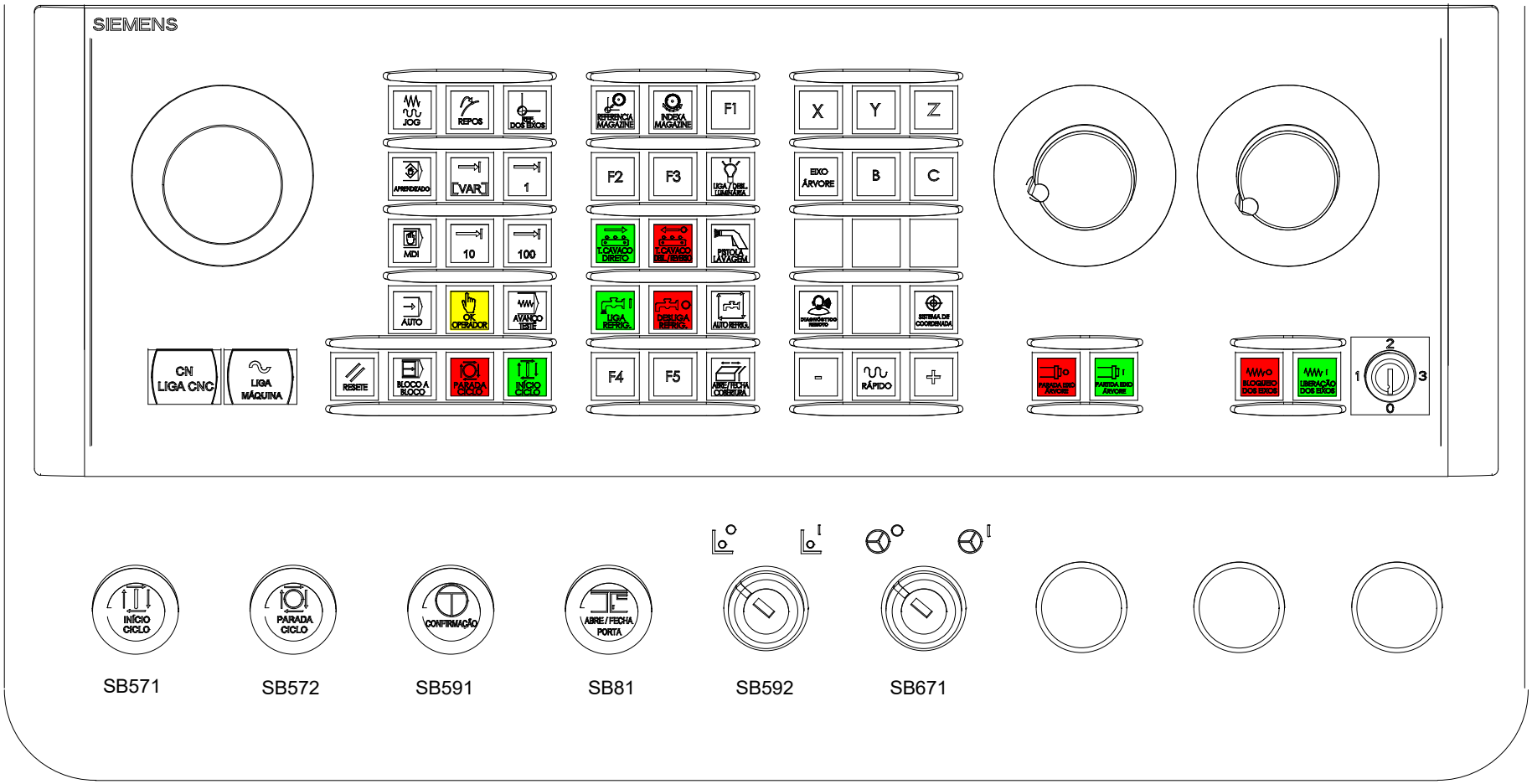
REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	OPERATOR`S PANEL LAYOUT				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 104	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	

OPERATOR`S PANEL LAYOUT PORTUGUESE

N136



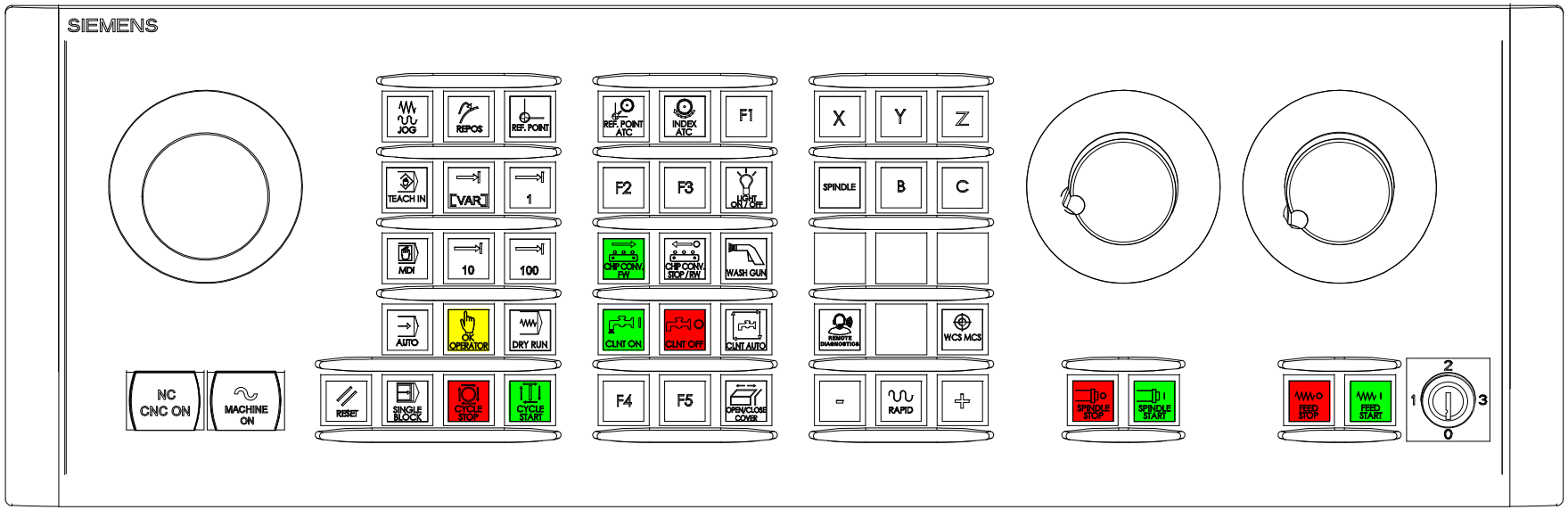
REL.	MODIFICATION	MODIF.	APROV.	DATE

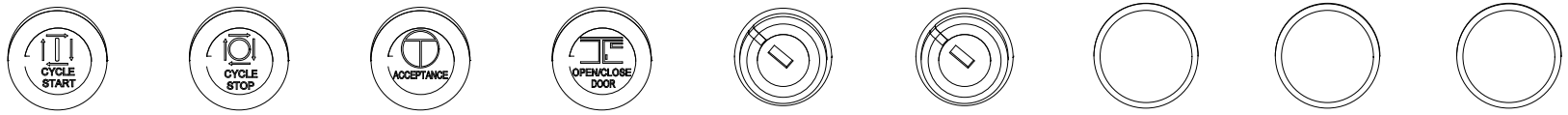
REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	OPERATOR`S PANEL LAYOUT			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE A3
	DRAWER	ANDREW	11/09/2013	
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 105	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D

OPERATOR`S PANEL LAYOUT ENGLISH

N136





SB571 SB572 SB591 SB81 SB592 SB671

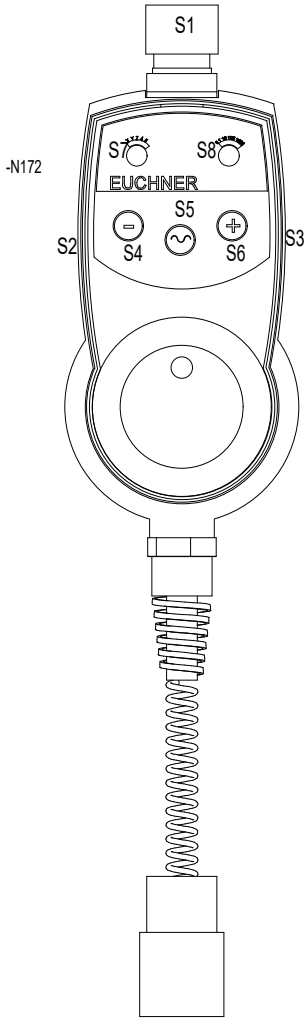
REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	OPERATOR`S PANEL LAYOUT				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 106	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	

OPERATOR`S PANEL LAYOUT

(REMOTE OPERATOR PANEL)

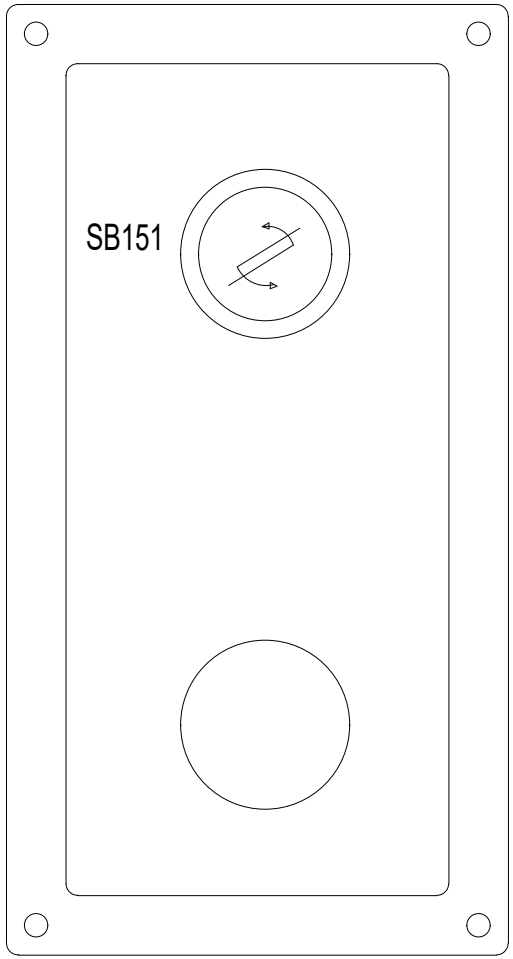


REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	OPERATOR`S PANEL LAYOUT			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE A3
	DRAWER	ANDREW	11/09/2013	
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 107	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D

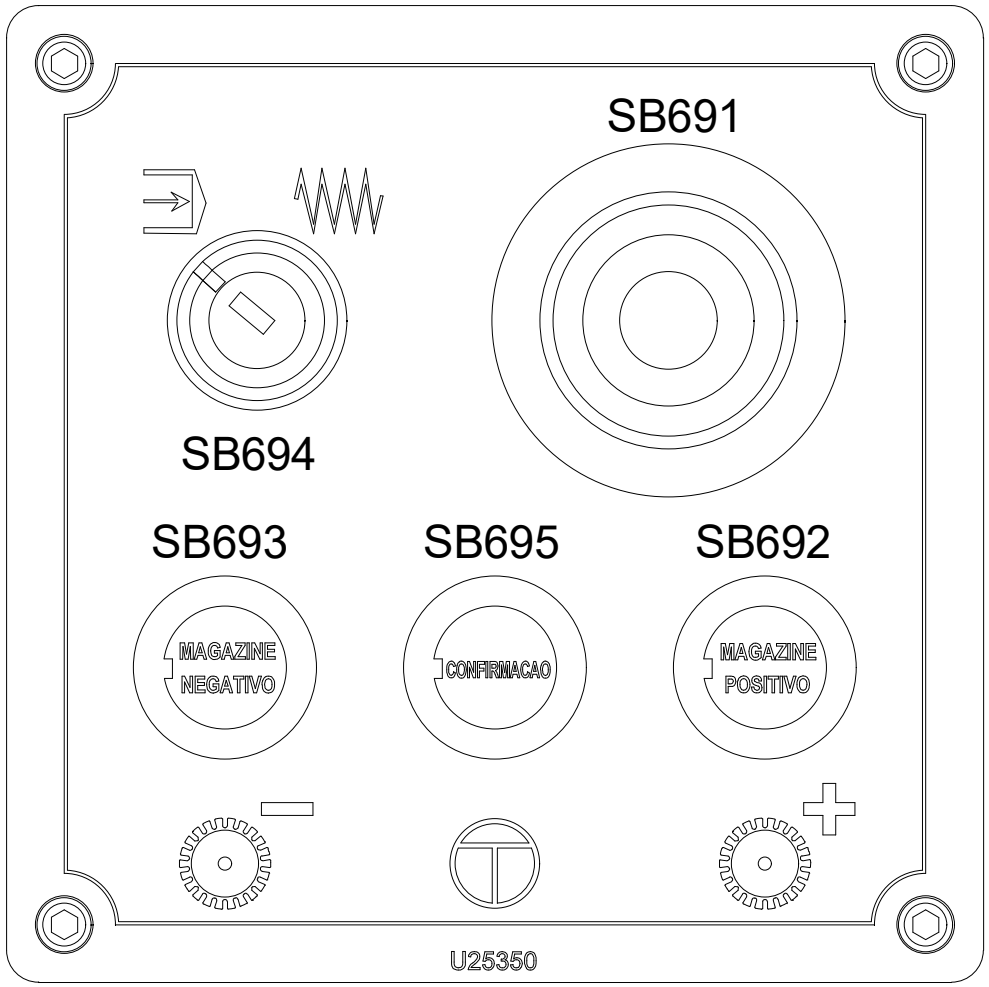
AUXILIARY COMMAND LAYOUT
(SPINDLE)



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	OPERATOR`S PANEL LAYOUT			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE A3
	DRAWER	ANDREW	11/09/2013	
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 108	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D

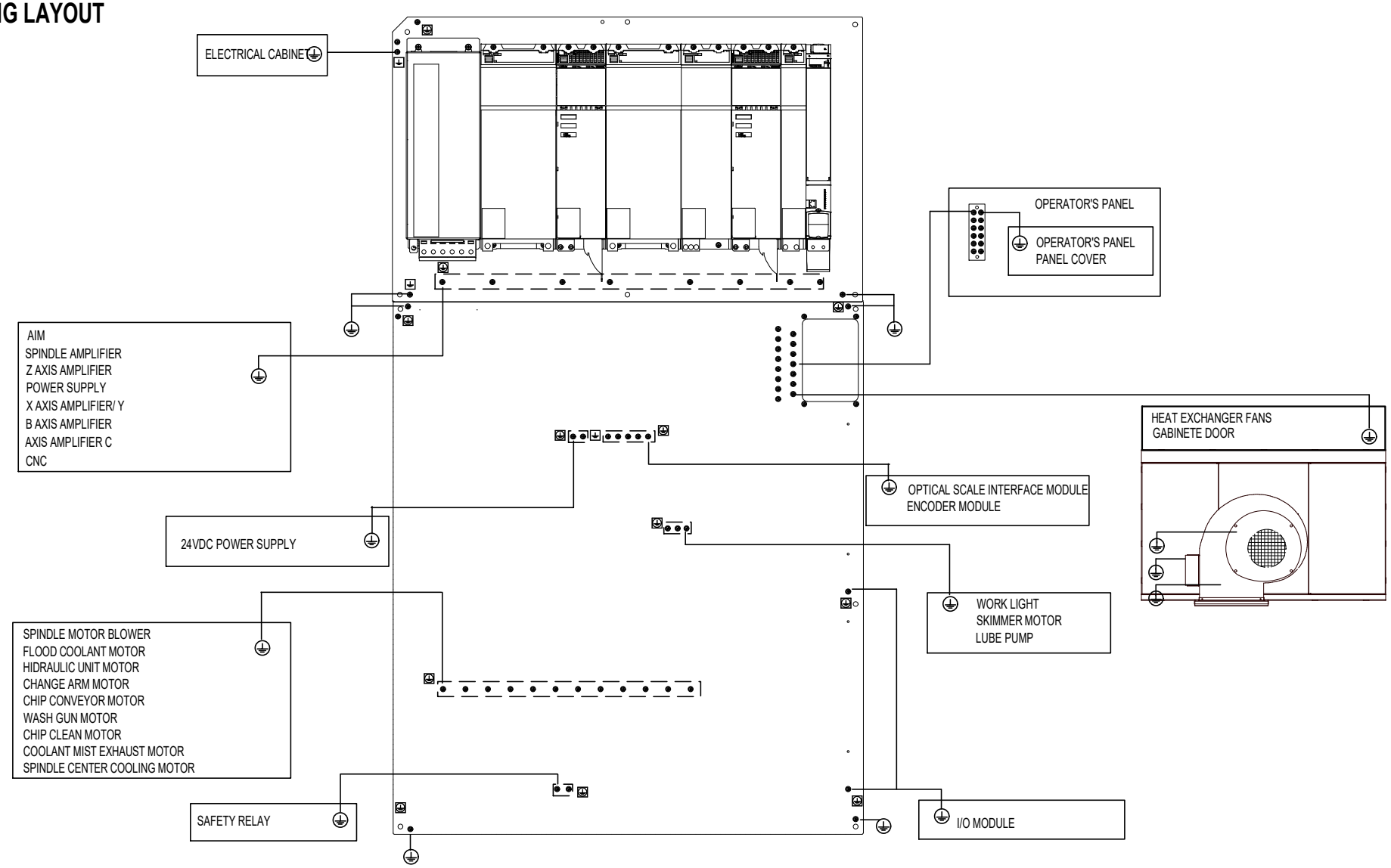


REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	LATHE LAYOUT		
ROMI®	DESIGNED	FERNANDO	11/09/2013
	DRAWER	ANDREW	11/09/2013
	CONTROLLED	VILALTA	11/09/2013
PROJECTION	SIZE		
	A3		
REFERENCE	SHEET	SCALE	APPLICATION
ROMI DCM	109		ROMI DCM 620-5X V3.0

N° U14186D

GROUNDING LAYOUT



NOTE:

GROUND WIRE GAGES

1.5mm² - 16mm² → SAME WIRE GAGES
25mm² - 35mm² → 16mm²
> - 35mm² → HALF WIRE GAGES

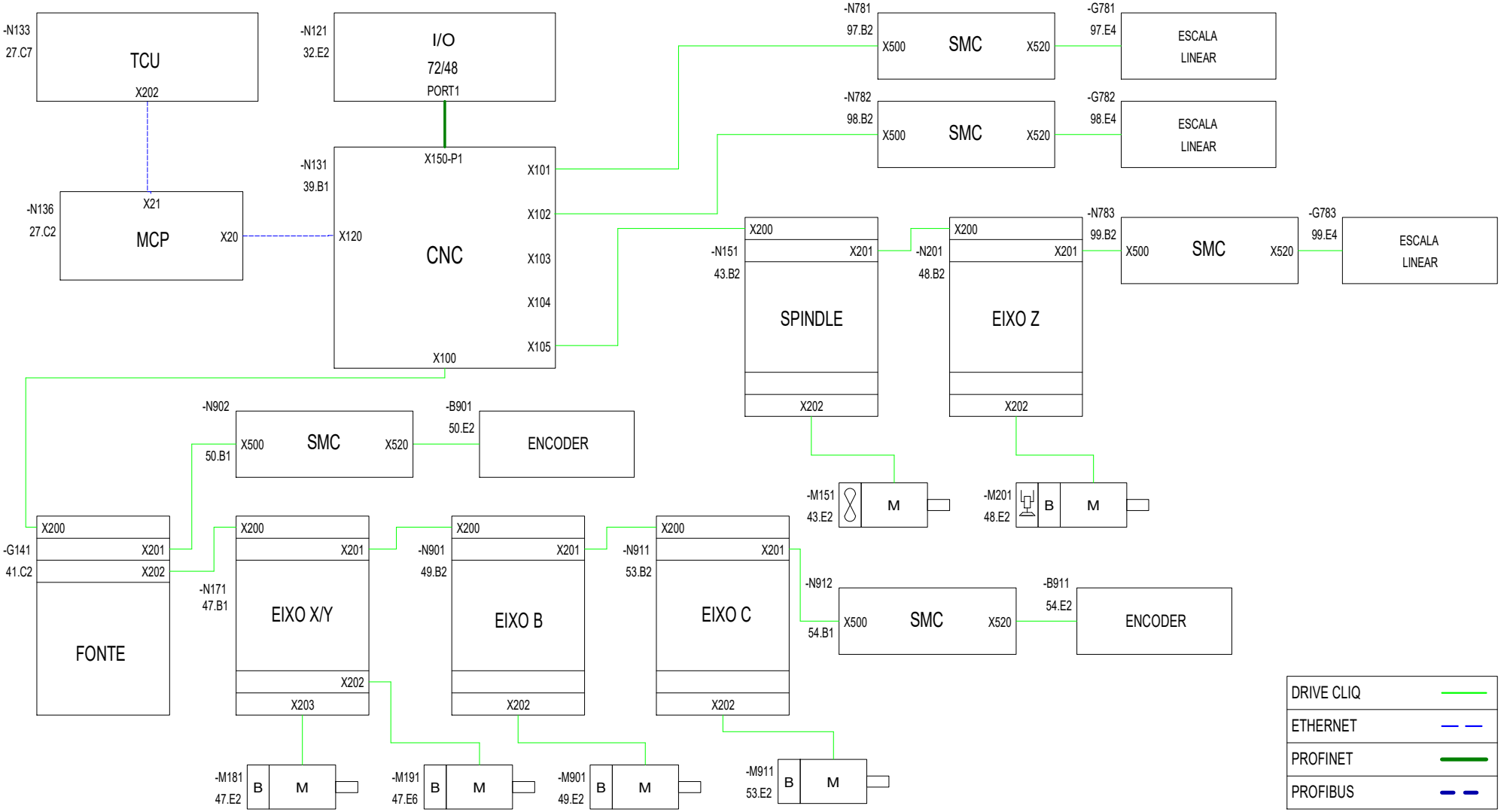
NOTE:

AL PARTS SUBJECT TO CONTACT AND CARRYING ELECTRICITY ARE ALSO CONNECTED TO THE GROUND BUS 6mm².

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

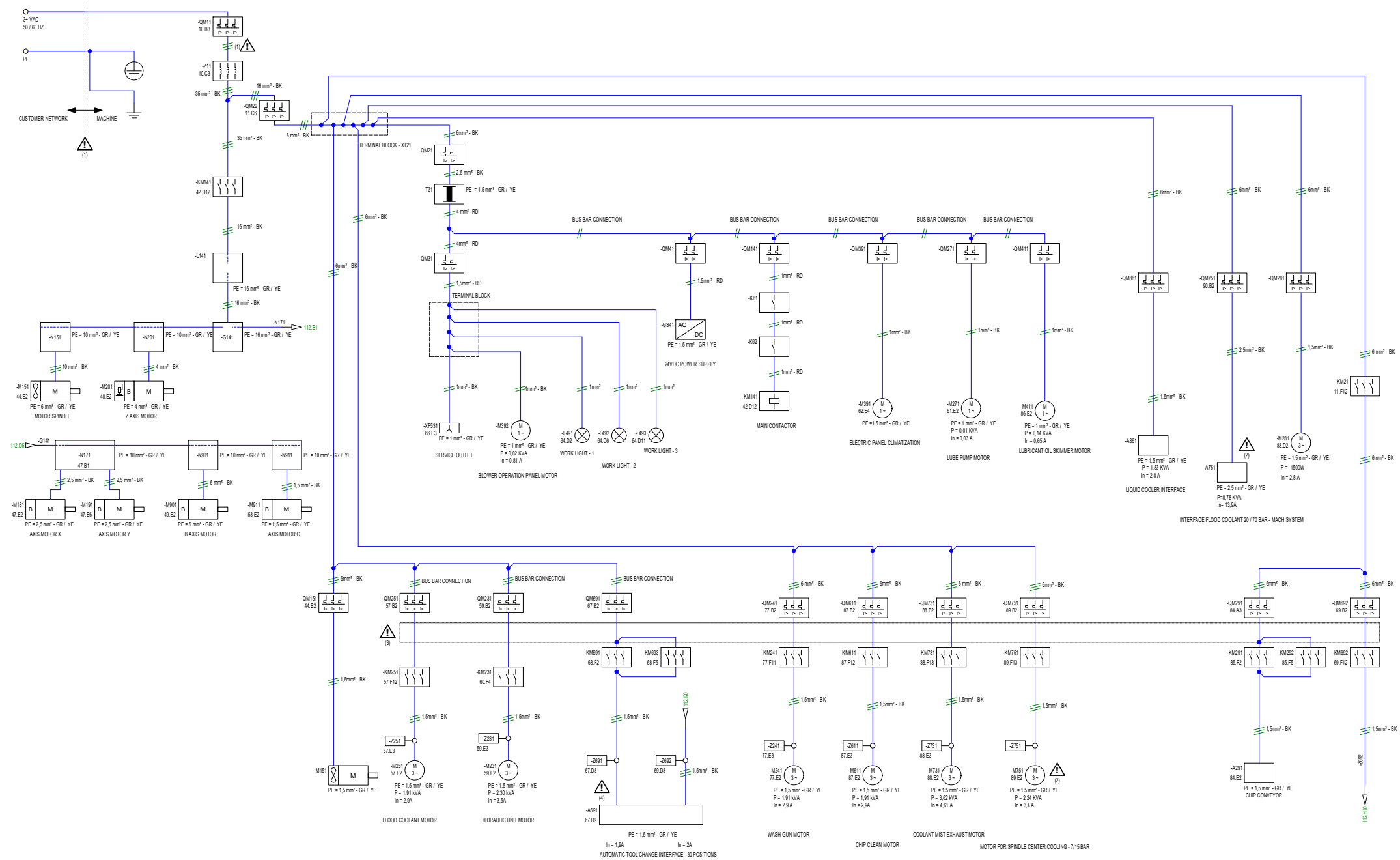
DESCRIPTION	GROUNDING LAYOUT				
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION	SIZE
	DRAWER	ANDREW	11/09/2013		A3
	CONTROLLED	VILALTA	11/09/2013		
REFERENCE ROMI DCM	SHEET 110	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D	



REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	UNIFILAR DIAGRAMS - REDES			
ROMI®	DESIGNED	FERNANDO	29/11/2013	PROJECTION / SIZE
	DRAWER	ANDREW	29/11/2013	A3
	CONTROLLED	VILALTA	29/11/2013	
REFERENCE	SHEET 111	SCALE	APPLICATION ROMI DCM 620 5F V3.0	N° U14186D



NOTE:

(1) FOR MORE DETAILS, REFER TO FEED CHART ON MAIN FEED TOPIC.

(2) SPINDLE CENTER COOLANT

PRESSURE - 7 BAR - P = 2.24 kVA

PRESSURE - 20 BAR - P = 6,00 kVA

(3) CIRCUIT BRAKER / CONTACTOR INTERCONNECTION

(4)AUTOMATIC TOOL CHANGE INTERFACE

CHANGE ARM MOTOR; - P = 1,12kVA

MAGAZINE MOTOR - P = 0,46 kVA

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	UNIFILAR DIAGRAMS			
ROMI	DESIGNED	FERNANDO	11/09/2013	PROJECTION
	DRAWER	ANDREW	11/09/2013	SIZE A2
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 112	CJ	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D

I/O INTERFACE MODULE

X111 -N121	I/O MODULE

INPUT MAP

PIN	ADDRESS	LOCATION	DESCRIPTION
3	I000.0	16.E6	MACHINE POWER ON
4	I000.1	16.E9	EMERGENCY STOP LINE OK
5	I000.2	23.E12	BYPASS PORTA PROTEÇÃO USINAGEM - ATIVO
6	I000.3	24.E5	OPERATOR'S DOOR UNLOCK - 1 / 2
7	I000.4	24.E10	OPERATOR'S DOOR CLOSED - 1
8	I000.5	25.E10	OPERATOR'S DOOR CLOSED - 2
9	I000.6	26.E4	UNLOCKED MAGAZINE DOOR
10	I000.7	26.E10	CLOSED MAGAZINE DOOR
11	I001.0	30.E2	INCREMENT SELECTION
12	I001.1	30.E3	INCREMENT SELECTION
13	I001.2	30.E4	INCREMENT SELECTION
14	I001.3	30.E6	AXIS SELECTION
15	I001.4	30.E7	AXIS SELECTION
16	I001.5	30.E8	AXIS SELECTION
17	I001.6	30.E9	FORWARD (+)
18	I001.7	30.E10	ENABLE FAST
19	I002.0	30.E11	FORWARD (-)
20	I002.1	30.E12	ENABLES REMOTE MOVEMENT
21	I002.2	44.E7	MAIN SPINDLE FAN MOTOR OVERLOAD
22	I002.3	45.E1	TOOL UNLOCK BUTTON
23	I002.4	45.E7	TOOL UNCLAMPED SENSOR - SPINDLE
24	I002.5	45.E9	TOOL CLAMPED SENSOR - SPINDLE
25	I002.6	93.E6	COVERSUPERIOR FECHADA
26	I002.7	93.E5	COVERSUPERIOR ABERTA

OUTPUT MAP

PIN	ADDRESS	LOCATION	DESCRIPTION
31	Q000.0	17.A1	ENABLE DRIVE CONTROL
32	Q000.1	17.A4	ENALE PULSE CONTROL
33	Q000.2	21.A8	ENABLE - SAFETY RELAY OPERATOR`S DOOR
34	Q000.3	22.A12	UNLOOK OPERATOR'S DOOR
35	Q000.4	23.A2	OP DOOR BYPASS
36	Q000.5	26.A12	UNLOCK MAGAZINE DOOR
37	Q000.6	38.A2	MACHINE POWER ON / CNC OK
38	Q000.7	45.A3	UNCLAMP TOOL - WORK LIGHT
39	Q001.0	46.A1	UNCLAMP TOOL
40	Q001.1	46.A4	TOOL CLEANING
41	Q001.2	52.A6	UNLOCK B AXIS SADDLE
42	Q001.3	55.A9	UNLOCK TABLE C AXIS
43	Q001.4	60.A1	HYDRAULIC UNIT
44	Q001.5	57.A10	COOLANT ON
45	Q001.6	61.A10	LUBE PUMP MOTOR ON
46	Q001.7	63.A2	WORK LIGHT

POWER SUPPLY

PIN	ADDRESS	LOCATION	DESCRIPTION
1	M	34.E3	
2	+24V		
27	-		
28	-		
29	-		
30	-		
47	DOCOM1		
48	DOCOM1		
49	DOCOM1		
50	DOCOM1		

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: INPUT / OUTPUT MAP

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	113		ROMI DCM 620-5X V3.0	U14186D

I/O INTERFACE MODULE

X222 -N121	I/O MODULE

INPUT MAP

PIN	ADDRESS	LOCATION	DESCRIPTION
3	I003.0	59.E12	PRESSURE SWITCH PRESSURE MIN. HYDRAULIC UNIT - SP1
4	I003.1		
5	I003.2	51.E3	PRESSURE SWITCH EIXO - B - TRAVADO
6	I003.3	51.E6	SAFETY LIMIT FOR PATH (B+)
7	I003.4	51.E9	SAFETY LIMIT FOR PATH (B-)
8	I003.5	55.E3	PRESSURE SWITCH - AXIS C - TRAVADO
9	I003.6	95.E4	BATTERY PROBE
10	I003.7	95.E5	ERROR PROBE
11	I004.0	59.E7	HYDRAULIC UNIT MOTOR OVERLOAD
12	I004.1	59.E10	PRESSURE SWITCH PRESSURE MAX. HYDRAULIC UNIT - SP2
13	I004.2	57.E6	COOLANT PUMP MOTOR OVERLOAD
14	I004.3	61.E6	LOW LUBE LEVEL
15	I004.4	61.E8	LOW LUB PRESSURE
16	I004.5	62.E10	ACCLIMATIZATION SUPERVISOR MICRO SWITCH
17	I004.6	67.E8	ATC MAGAZINE MOTOR OVERLOAD
18	I004.7	69.E7	CHANGE ARM MOTOR OVERLOAD
19	I005.0	70.E5	RETRACTED TOOL POCKET SENSOR
20	I005.1	70.E9	TOOL CUP SENSOR PROJECTED
21	I005.2	71.E6	HOME SENSOR MAGAZINE
22	I005.3	72.E3	SENSOR BRAKE CHANGE ARM
23	I005.4	71.E3	MAGAZINE POSITION COUNT SENSOR
24	I005.5	72.E12	ORIGIN POSITION ARM SENSOR
25	I005.6	72.E7	SENSOR BRAÇO POSITION PEGA TOOL
26	I005.7	70.E12	SENSOR CONTADOR POSITION E BRAKE MAGAZINE

OUTPUT MAP

PIN	ADDRESS	LOCATION	DESCRIPTION
31	Q002.0	65.A2	HOUR METER
32	Q002.1	67.A10	CLOCKWISE MAGAZINE
33	Q002.2	67.A12	COUNTERCLOCKWISE MAGAZINE
34	Q002.3	69.A10	ATC ARM
35	Q002.4	73.A1	TOOL POCKET FORWARD
36	Q002.5	73.A3	TOOL POCKET BACKWARD
37	Q002.6	73.A4	OPEN ATC DOOR
38	Q002.7	73.A5	CLOSE ATC DOOR
39	Q005.0	86.A9	LUBRICANT OIL SKIMMER
40	Q003.1	84.A9	CHIP CONVEYOR FWD
41	Q003.2	84.A12	CHIP CONVEYOR REV
42	Q003.3	77.A9	TURN ON WASH GUN MOTOR
43	Q003.4	60.A11	VÁLVULA BY-PASS
44	Q003.5	60.A12	VÁLVULA PRESSURIZAÇÃO
45	Q003.6		
46	Q003.7	87.A10	TURN ON CHIP CLEAN MOTOR

POWER SUPPLY

PIN	ADDRESS	LOCATION	DESCRIPTION
1	M	35.E3	
2	+24V		
27	-		
28	-		
29	-		
30	-		
47	DOCOM2		
48	DOCOM2		
49	DOCOM2		
50	DOCOM2		

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	INPUT / OUTPUT MAP		
ROMI®	DESIGNED	FERNANDO	11/09/2013
	DRAWER	ANDREW	11/09/2013
	CONTROLLED	VILALTA	11/09/2013
PROJECTION	SIZE		
	A3		
REFERENCE	SHEET	SCALE	APPLICATION
ROMI DCM	114		ROMI DCM 620-5X V3.0

N° U14186D

I/O INTERFACE MODULE

X333
-N121

I/O MODULE

INPUT MAP

PIN	ADDRESS	LOCATION		DESCRIPTION	
3	I006.0	74.E2		**CLOSED MAGAZINE DOOR**	
4	I006.1	74.E5		DOOR MAGAZINE OPEN	
5	I006.2	74.E7		**CLOCKWISE MAGAZINE**	
6	I006.3	74.E10		**COUNTERCLOCKWISE MAGAZINE**	
7	I006.4	74.E12		**AUTO/JOG MAGAZINE**	
8	I006.5	82.E7		**LIQUID COOLER INTERFACE - FAIL**	
9	I006.6	76.E2		**LOW PNEUMATIC PRESSURE SWITCH**	
10	I006.7	76.E6		PRESSURE SWITCH PRESSURE POSITIVA TABLE AXIS B/C	
11	I007.0	83.E8		**AIR CONDITIONER FAULT**	
12	I007.1	84.E7		CHIP CONVEYOR MOTOR OVERLOAD	
13	I007.2	85.E11		CHIP CONVEYOR CLAMP SENSOR	
14	I007.3	58.E2		SWITCH NÍVEL MÁXIMO - FLOOD COOLANT	
15	I007.4	58.E5		SWITCH NÍVEL MÍNIMO - FLOOD COOLANT	
16	I007.5				
17	I007.6	87.E7		**CHIP CLEAN FLOOD MOTOR OVERLOAD**	
18	I007.7	88.E7		COOLANT MIST EXHAUST MOTOR OVERLOAD	
19	I008.0	89.E6	90.E11	OVERLOAD OF SPINDLE CENTER COOLING MOTOR	CRITICAL ALARM
20	I008.1	89.E8	90.E13	DIRTY FILTER PRESSURE SWITCH - 1	WARNING ALARM
21	I008.2	55.E2		PRESSURE SWITCH - AXIS C - PRESSURE	
22	I008.3	51.E2		PRESSURE SWITCH EIXO - B - PRESSURE	
23	I008.4	77.E6		WASH GUN MOTOR OVERLOAD	
24	I008.5	45.E12		TOOL SENSOR OK - SPINDLE	
25	I008.6	74.E9		BUTTON MAGAZINE OK	
26	I008.7				

OUTPUT MAP

PIN	ADDRESS	LOCATION		DESCRIPTION
31	Q004.0	88.A10		COOLANT MIST EXHAUST
32	Q004.1	89.A10	90.A7	**SPINDLE CENTER COOLING**
33	Q004.2	91.A1		MACHINE - CYCLE
34	Q004.3	91.A3		MACHINE - PRE ALARM
35	Q004.4	91.A5		MACHINE - EMERGENCY
36	Q004.5	92.A1		PNEUMATIC CLEANING
37	Q004.6	55.A5		LOCK TABLE C AXIS
38	Q004.7	52.A1		LOCK B AXIS SADDLE
39	Q005.0	94.A1		AUTO POWER OFF
40	Q005.1	95.A12		"M" CODE PROBE
41	Q005.2	96.A10		TOOL PRESET
42	Q005.3	93.A3		CLOSE DOOR SUPERIOR
43	Q005.4	93.A2		OPEN DOOR SUPERIOR
44	Q005.5	52.A10		RETENTION PRESSURE - B
45	Q005.6	56.A2		**RETENTION PRESSURE - C**
46	Q005.7			

POWER SUPPLY

PIN	ADDRESS	LOCATION	DESCRIPTION
1	M	36.E3	
2	+24V		
27	-		
28	-		
29	-		
30	-		
47	DOCOM3		
48	DOCOM3		
49	DOCOM3		
50	DOCOM3		

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: INPUT / OUTPUT MAP

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	115		ROMI DCM 620-5X V3.0	U14186D

X3

-N121

INPUT MAP ANALOG			
PIN	ADDRESS	LOCATION	DESCRIPTION
3 4	IW60	78.A4 80.A4	SENSOR MANCAL
7 8	IW62	78.A10 80.A10	SENSOR Z AXIS LINEAR SCALE SENSOR NUT Z AXIS

OUTPUT MAP ANALOG			
PIN	ADDRESS	LOCATION	DESCRIPTION
9 10			
11 12			

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: INPUT / OUTPUT MAP

ROMI®

DESIGNED	FERNANDO	09/12/2016
DRAWER	ANDREW	09/12/2016
CONTROLLED	VILALTA	09/12/2016

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	
ROMI DCM	116		ROMI DCM 620-5X V3.0	N° U14186D

I/O INTERFACE MODULE

X111 -N122	I/O MODULE

INPUT MAP

PIN	ADDRESS	LOCATION	DESCRIPTION
3	I009.0		
4	I009.1		
5	I009.2		
6	I009.3		
7	I009.4		
8	I009.5		
9	I009.6		
10	I009.7		
11	I010.0		
12	I010.1		
13	I010.2		
14	I010.3		
15	I010.4		
16	I010.5		
17	I010.6		
18	I010.7		
19	I011.0		
20	I011.1		
21	I011.2		
22	I011.3		
23	I011.4		
24	I011.5		
25	I011.6		
26	I011.7		

OUTPUT MAP

PIN	ADDRESS	LOCATION	DESCRIPTION
31	Q006.0		
32	Q006.1		
33	Q006.2		
34	Q006.3		
35	Q006.4		
36	Q006.5		
37	Q006.6		
38	Q006.7		
39	Q007.0		
40	Q007.1		
41	Q007.2		
42	Q007.3		
43	Q007.4		
44	Q007.5		
45	Q007.6		
46	Q007.7		

POWER SUPPLY

PIN	ADDRESS	LOCATION	DESCRIPTION
1	M		
2	+24V		
27	-		
28	-		
29	-		
30	-		
47	DOCOM1		
48	DOCOM1		
49	DOCOM1		
50	DOCOM1		

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: INPUT / OUTPUT MAP

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	N°
ROMI DCM	117		ROMI DCM 620-5X V3.0	U14186D

I/O INTERFACE MODULE

X222 -N122	I/O MODULE

INPUT MAP

PIN	ADDRESS	LOCATION	DESCRIPTION
3	I012.0		
4	I012.1		
5	I012.2		
6	I012.3		
7	I012.4		
8	I012.5		
9	I012.6		
10	I012.7		
11	I013.0		
12	I013.1		
13	I013.2		
14	I013.3		
15	I013.4		
16	I013.5		
17	I013.6		
18	I013.7		
19	I014.0		
20	I014.1		
21	I014.2		
22	I014.3		
23	I014.4		
24	I014.5		
25	I014.6		
26	I014.7		

OUTPUT MAP

PIN	ADDRESS	LOCATION	DESCRIPTION
31	Q008.0		
32	Q008.1		
33	Q008.2		
34	Q008.3		
35	Q008.4		
36	Q008.5		
37	Q008.6		
38	Q008.7		
39	Q009.0		
40	Q009.1		
41	Q009.2		
42	Q009.3		
43	Q009.4		
44	Q009.5		
45	Q009.6		
46	Q009.7		

POWER SUPPLY

PIN	ADDRESS	LOCATION	DESCRIPTION
1	M		
2	+24V		
27	-		
28	-		
29	-		
30	-		
47	DOCOM2		
48	DOCOM2		
49	DOCOM2		
50	DOCOM2		

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: INPUT / OUTPUT MAP

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	N°
ROMI DCM	118		ROMI DCM 620-5X V3.0	U14186D

I/O INTERFACE MODULE

X333 -N122	I/O MODULE

INPUT MAP

PIN	ADDRESS	LOCATION	DESCRIPTION
3	I015.0		
4	I015.1		
5	I015.2		
6	I015.3		
7	I015.4		
8	I015.5		
9	I015.6		
10	I015.7		
11	I016.0		
12	I016.1		
13	I016.2		
14	I016.3		
15	I016.4		
16	I016.5		
17	I016.6		
18	I016.7		
19	I017.0		
20	I017.1		
21	I017.2		
22	I017.3		
23	I017.4		
24	I017.5		
25	I017.6		
26	I017.7		

OUTPUT MAP

PIN	ADDRESS	LOCATION	DESCRIPTION
31	Q010.0		
32	Q010.1		
33	Q010.2		
34	Q010.3		
35	Q010.4		
36	Q010.5		
37	Q010.6		
38	Q010.7		
39	Q011.0		
40	Q011.1		
41	Q011.2		
42	Q011.3		
43	Q011.4		
44	Q011.5		
45	Q011.6		
46	Q011.7		

POWER SUPPLY

PIN	ADDRESS	LOCATION	DESCRIPTION
1	M		
2	+24V		
27	-		
28	-		
29	-		
30	-		
47	DOCOM3		
48	DOCOM3		
49	DOCOM3		
50	DOCOM3		

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: INPUT / OUTPUT MAP

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	N°
ROMI DCM	119		ROMI DCM 620-5X V3.0	U14186D

X3

-N122

INPUT MAP ANALOG			
PIN	ADDRESS	LOCATION	DESCRIPTION
3 4	IW68	79.A4 81.A4	SENSOR BEARINGS
7 8	IW70	79.A10 81.A10	SENSOR BASE

OUTPUT MAP ANALOG			
PIN	ADDRESS	LOCATION	DESCRIPTION
9 10			
11 12			

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: INPUT / OUTPUT MAP

ROMI®

DESIGNED	FERNANDO	09/12/2016
DRAWER	ANDREW	09/12/2016
CONTROLLED	VILALTA	09/12/2016

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	120		ROMI DCM 620-5X V3.0	U14186D

INPUT MAP / OUTPUT MAP - OPERATOR'S PANEL

-N136 — INPUT / OUTPUT MAP - OPERATOR'S PANEL

INPUT MAP

PIN	ADDRESS	LOCATION	DESCRIPTION
CONNECTOR - X51			
1	I37.0	28.E2	CYCLE STOP BUTTON
2	I37.1	28.E4	CYCLE START BUTTON
3	I37.2	28.E8	ENABLE REMOTE OPERATION PANEL
CONNECTOR - X52			
1	I37.3	28.E12	SETUP MODE
2	I37.4	22.E2	OPEN DOOR - OPERATOR`S DOOR
3	I37.5	28.E6	BUTTON CONFIRMAÇÃO
CONNECTOR - X55			
1	I37.6		
2	I37.7		
3	I38.0		
POWER SUPPLY - CONNECTOR - X51/X52/X55			
4	M	29.E9	USUAL
4	M		
4	M		

OUTPUT MAP

PIN	ADDRESS	LOCATION	DESCRIPTION
CONNECTOR - X53			
1	Q25.0	22.A7	DOOR OPENED - OPERATOR`S DOOR
2	Q25.1	29.A2	CYCLE STOP
3	Q25.2	29.A5	CYCLE START
CONNECTOR - X54			
1	Q25.3	29.A7	CONFIRMAÇÃO
2			
3			
POWER SUPPLY - CONNECTOR - X53/X54			
4	M	29.A12	USUAL
4	M		

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: INPUT / OUTPUT MAP - OPERATOR'S PANEL

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	
ROMI DCM	121		ROMI DCM 620-5X V3.0	N° U14186D

DESCRIPTION

THIS MACHINE IS EQUIPPED WITH LAST GENERATION ELECTRONIC DEVICES TO EXECUTE AXES CONTROL AND OPERATION.

THESE DEVICES ARE CALLED CNC AND DRIVES. FOR BETTER AXES PERFORMANCE AND ACCURACY, THERE ARE SEVERAL CONFIGURATION PARAMETERS DESCRIBED AND SPECIFIED IN THE CNC AND/OR DRIVES MANUFACTURER'S MANUALS.

ALL THESE PARAMETERS ARE SPECIFIED AND CONTROLLED BY THE ROMI PRODUCT ENGINEERING DEPARTMENT. NO CHANGES ARE ALLOWED WITHOUT ROMI AUTHORIZATION.

ANY IMPROPER PARAMETER CHANGE MAY CAUSE SEVERE DAMAGE TO THE MACHINE PERFORMANCE AND INTEGRITY.

RECOMMENDATIONS

IF THE INTRODUCTION OF ANY PARAMETER IS REQUIRED, USE THE DISKETTE IDENTIFIED WITH THE RESPECTIVE CODE NUMBER.

IN THE EVENT OF MANUAL PARAMETERS INTRODUCTION, CAREFULLY FOLLOW THE PARAMETERS LISTED/DESCRIBED IN THE LOG BOOK.

NEGLECTING THIS RECOMMENDATION MAY CAUSE SEVERE MACHINE DAMAGE.

PREFERABLY, CALL A ROMI TECHNICIAN TO MANUALLY INTRODUCE PARAMETERS.

BACKUP

INSIDE THE ELECTRIC CABINET OF ALL ROMI MACHINE THERE IS A LABELED PORTFOLIO SUCH AS A LOG BOOK THAT SHOULD BE USED FOR RECORDING ALL MACHINE MAINTENANCE INTERVENTION, REPAIRS, UP-DATES, ETC.

IN THIS FOLDER THERE IS ALSO A SET OF DISKETTES WITH BACKUP FILES INSTALLED IN THE MACHINE: PARAMETERS AND LADDER.

THE FILES MAY BE CHANGED BY ROMI WITHOUT PREVIOUS NOTICE.

ATTENTION

ROMI SHALL NOT BE RESPONSIBLE FOR DAMAGES CAUSED TO THE MACHINE IN CASE PARAMETERS ARE CHANGED BY UNAUTHORIZED PERSONNEL.

ONLY AUTHORIZED AND TRAINED PERSONNEL IS ALLOWED TO PERFORM MACHINE MAINTENANCE, INSPECTION OR PARTS REPLACEMENT.

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION	PARAMETER			
ROMI®	DESIGNED	FERNANDO	11/09/2013	PROJECTION / SIZE A3
	DRAWER	ANDREW	11/09/2013	
	CONTROLLED	VILALTA	11/09/2013	
REFERENCE ROMI DCM	SHEET 122	SCALE	APPLICATION ROMI DCM 620-5X V3.0	N° U14186D

APPLICATION

LADDER	U13852
MACHINE PARAMETERS	U13853
OEM	U13854
SIEMENS EXECUTIVE SW	U40640

	ROMI DCM 620-5X V3.0		
COMPOSITION	**ADDITION**	**REMARK:**	**PARAMETER**
WASH GUN	1		14510[0]
AIR CONDITIONER	2		
CHIP CONVEYOR INTERFACE	4		
LUBRICANT OIL SKIMMER	8		
CODE M INTERFACE - EXTERNAL	16		
CHIP CLEAN	32		
TOOL PRESET	64		
HELICAL CHIP CONVEYOR	128		
COOLANT MIST EXHAUST	256		
SPINDLE CENTER COOLING - 7 BAR	512		
SPINDLE CENTER COOLING - 20/70 BAR	1024		
STATUS INDICATOR	2048		
PNEUMATIC CLEANING	4096		
AUTO POWER OFF	8192		
LINEAR SCALES (X AXIS) / Y / Z	1		14510[1]
AUTOMATIC DOOR	2		
MESASUREMENT SYSTEM / PARTS INSPECTION	4		
TOP COVER MACHINING AREA	8		

PARÂMETROS LINEAR SCALE - HABILITAR		
PARAMETER	**AXIS**	**VALUE**
30200	X	2
30200	Y	2
30200	Z	2

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: PARAMETER

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	123		ROMI DCM 620-5X V3.0	U14186D

-XT21

TERMINAL SPREADSHEET LIST

POTENTIAL	TERMINAL	JUMPER	DEVICE	LOCATION
1L1 - 380V~	1A		-QM22 :2	11.C1
1L1 - 380V~	1B		-QM751 :2	11.C1
1L1 - 380V~	1C	●	-KM21 :1	11.C1
1L1 - 380V~	2A		-QM21 :1	11.C1
1L1 - 380V~	2B	●	-QM151 :1	11.C1
1L1 - 380V~	2C	●	-QM281 :1	11.C1
1L1 - 380V~	3A		-QM861 :1	11.C2
1L1 - 380V~	3B	●	-QM241 :1	11.C2
1L1 - 380V~	3C			11.C2
1L2 - 380V~	4A		-QM22 :4	11.C2
1L2 - 380V~	4B		-QM751 :4	11.C2
1L2 - 380V~	4C	●	-KM21 :3	11.C2
1L2 - 380V~	5A		-QM21 :3	11.C3
1L2 - 380V~	5B	●	-QM151 :3	11.C3
1L2 - 380V~	5C	●	-QM281 :3	11.C3
1L2 - 380V~	6A		-QM861 :3	11.C3
1L2 - 380V~	6B	●	-QM241 :3	11.C3
1L2 - 380V~	6C			11.C3
1L3 - 380V~	7A		-QM22 :6	11.C4
1L3 - 380V~	7B		-QM751 :6	11.C4
1L3 - 380V~	7C	●	-KM21 :5	11.C4
1L3 - 380V~	8A			11.C4
1L3 - 380V~	8B	●	-QM151 :5	11.C4
1L3 - 380V~	8C	●	-QM281 :5	11.C4
1L3 - 380V~	9A		-QM861 :5	11.C5
1L3 - 380V~	9B	●	-QM241 :5	11.C5
1L3 - 380V~	9C			11.C5

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION | ADDITIONAL INFORMATION

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE A3

REFERENCE	SHEET	SCALE	APPLICATION	N°
ROMI DCM	124		ROMI DCM 620-5X V3.0	U14186D

-XT31

TERMINAL SPREADSHEET LIST

POTENTIAL	TERMINAL	JUMPER	DEVICE	LOCATION
3L1 - 0V~	1A		-QM31 :2	12.C10
3L1 - 0V~	1B			12.C10
3L1 - 0V~	1C		-XF531 :220V	12.C10
3L1 - 0V~	1D	●		12.C10
3L1 - 0V~	2A	|	-K492 :5	12.C10
3L1 - 0V~	2B	●		12.C10
3L1 - 0V~	2C			12.C10
3L1 - 0V~	2D			12.C10
3L2 - 220V~	3A		-QM31 :4	12.C11
3L2 - 220V~	3B			12.C11
3L2 - 220V~	3C		-XF531 :220V	12.C11
3L2 - 220V~	3D	●		12.C11
3L2 - 220V~	4A	|	-K492 :8	12.C12
3L2 - 220V~	4B	●		12.C12
3L2 - 220V~	4C			12.C12
3L2 - 220V~	4D			12.C12

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION | ADDITIONAL INFORMATION

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE A3

REFERENCE	SHEET	SCALE	APPLICATION	N°
ROMI DCM	125		ROMI DCM 620-5X V3.0	U14186D

-XT41

TERMINAL SPREADSHEET LIST

POTENTIAL	TERMINAL	JUMPER	DEVICE	LOCATION
50L+ - 24V--	1A		-GS41 :+	14.C2
50L+ - 24V--	1B		-SB51 :13	14.C2
50L+ - 24V--	1C		-XFJ :3	14.C2
50L+ - 24V--	1D	●	-S1051 :3	14.C2
50L+ - 24V--	2A		-XFA :1	14.C2
50L+ - 24V--	2B	●	-K51 :8	14.C2
50L+ - 24V--	2C		-XFJ :1	14.C2
50L+ - 24V--	2D	●	-XFL :3	14.C2
50L+ - 24V--	3A			14.C2
50L+ - 24V--	3B	●	-XFN :5	14.C2
50L+ - 24V--	3C		-XT11 :1	14.C2
50L+ - 24V--	3D	●	-K131 :8	14.C2
50L+ - 24V--	4A			14.C3
50L+ - 24V--	4B	●	-F61 :A1	14.C3
50L+ - 24V--	4C		-XFN :1	14.C3
50L+ - 24V--	4D	●		14.C3
50L+ - 24V--	5A		-XFA :1	14.C3
50L+ - 24V--	5B	●	-SB692 :13	14.C3
50L+ - 24V--	5C			14.C3
50L+ - 24V--	5D	●	-XFA :1	14.C3
50L+ - 24V--	6A		-KA62 :A1	14.C3
50L+ - 24V--	6B	●	-XFQ :1	14.C3
50L+ - 24V--	6C		-XFQ :1	14.C3
50L+ - 24V--	6D	●	-F81 :A1	14.C3
50L+ - 24V--	7A		-XF524 :1	14.C4
50L+ - 24V--	7B	●	-KM141 :13	14.C4
50L+ - 24V--	7C		-KA61 :03	14.C4
50L+ - 24V--	7D	●	-XFN :1	14.C4
50L+ - 24V--	8A		-S231 :1	14.C4
50L+ - 24V--	8B	●	-F61 :33	14.C4
50L+ - 24V--	8C		-S153 :	14.C4
50L+ - 24V--	8D	●	-XFP :1	14.C4
50L+ - 24V--	9A		-XFL :1	14.C4
50L+ - 24V--	9B	●	-KM691 :13	14.C4
50L+ - 24V--	9C		-XT81 :4A	14.C4
50L+ - 24V--	9D	●	-XFL :5	14.C4
50L+ - 24V--	10A		-XT81 :9A	14.C5

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION | ADDITIONAL INFORMATION

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	126		ROMI DCM 620-5X V3.0	U14186D

-XT41

TERMINAL SPREADSHEET LIST

POTENTIAL	TERMINAL	JUMPER	DEVICE	LOCATION
50L+ - 24V--	10B	●	-XFP :3	14.C5
50L+ - 24V--	10C			14.C5
50L+ - 24V--	10D	●	-XFN :3	14.C5
50L+ - 24V--	11A		-A861 :11	14.C5
50L+ - 24V--	11B	●	-XFP :5	14.C5
50L+ - 24V--	11C		-XM173 :11	14.C5
50L+ - 24V--	11D	●	-XFQ :3	14.C5
50L+ - 24V--	12A		-XFP :5	14.C6
50L+ - 24V--	12B	●	-XFN :5	14.C6
50L+ - 24V--	12C		-XFJ :3	14.C6
50L+ - 24V--	12D	●	-M281 :4	14.C6
50L+ - 24V--	13A		-XFQ :1	14.C6
50L+ - 24V--	13B	●	-XF292 :5	14.C6
50L+ - 24V--	13C		-XFQ :7	14.C6
50L+ - 24V--	13D	●	-XFP :1	14.C6
50L+ - 24V--	14A		-QM241 :21	14.C6
50L+ - 24V--	14B	●	-XFJ :3	14.C6
50L+ - 24V--	14C		-S691 :13	14.C6
50L+ - 24V--	14D	●	-XF753 :3	14.C6
50L+ - 24V--	15A		-SB131 :13	14.C7
50L+ - 24V--	15B	●	-XFJ :3	14.C7
50L+ - 24V--	15C		-K131 :7	14.C7
50L+ - 24V--	15D	●	-XFJ :5	14.C7
50L+ - 24V--	16A		-X24 :+	14.C7
50L+ - 24V--	16B	●	-XFL :5	14.C7
50L+ - 24V--	16C			14.C7
50L+ - 24V--	16D	●	-XFN :1	14.C7
50L+ - 24V--	17A		-S111 :13	14.C7
50L+ - 24V--	17B	●	-K131 :5	14.C7
50L+ - 24V--	17C		-S692 :13	14.C7
50L+ - 24V--	17D	●	-XF252 :1	14.C7
50L+ - 24V--	18A		-A831 :RED	14.C8
50L+ - 24V--	18B	●	-F81 :33	14.C8
50L+ - 24V--	18C		-XFP :1	14.C8
50L+ - 24V--	18D	●	-XFN :3	14.C8
50L+ - 24V--	19A		:TURQUOISE_BLACK	14.C8
50L+ - 24V--	19B	●	-XF252 :4	14.C8

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION | ADDITIONAL INFORMATION

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE A3

REFERENCE	SHEET	SCALE	APPLICATION	N°
ROMI DCM	127		ROMI DCM 620-5X V3.0	U14186D

-XT41

TERMINAL SPREADSHEET LIST

POTENTIAL	TERMINAL	JUMPER	DEVICE	LOCATION
50L+ - 24V--	19C		-XFP :3	14.C8
50L+ - 24V--	19D		-KM692 :13	14.C8
50L+ - 24V--	20A		-A867 :7	14.C8
50L+ - 24V--	20B		-XFQ :3	14.C8
50L+ - 24V--	20C		-GS41 :+	14.C8
50L+ - 24V--	20D		-XFQ :5	14.C8

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION | ADDITIONAL INFORMATION

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE A3

REFERENCE	SHEET	SCALE	APPLICATION	
ROMI DCM	128		ROMI DCM 620-5X V3.0	N° U14186D

-XT42 TERMINAL SPREADSHEET LIST

POTENTIAL	TERMINAL	JUMPER	DEVICE	LOCATION
50L- - 0V--	21A		-GS41 :-	15.C2
50L- - 0V--	21B		-K412 :13	15.C2
50L- - 0V--	21C		-Y231 :2	15.C2
50L- - 0V--	21D	●	-XT81 :2B	15.C2
50L- - 0V--	22A			15.C2
50L- - 0V--	22B	●	-Y694 :2	15.C2
50L- - 0V--	22C		-XFA :2	15.C2
50L- - 0V--	22D	●	-K51 :13	15.C2
50L- - 0V--	23A		-K84 :13	15.C2
50L- - 0V--	23B	●	-F61 :A2	15.C2
50L- - 0V--	23C		-XFA :2	15.C2
50L- - 0V--	23D	●	-F81 :A2	15.C2
50L- - 0V--	24A		-Y111 :2	15.C3
50L- - 0V--	24B	●		15.C3
50L- - 0V--	24C		-Y232 :2	15.C3
50L- - 0V--	24D	●	-Y902 :2	15.C3
50L- - 0V--	25A		-Y151 :2	15.C3
50L- - 0V--	25B	●		15.C3
50L- - 0V--	25C		-Y152 :2	15.C3
50L- - 0V--	25D	●	-Y901 :2	15.C3
50L- - 0V--	26A		-KA61 :A2	15.C3
50L- - 0V--	26B	●	-S231 :3	15.C3
50L- - 0V--	26C			15.C3
50L- - 0V--	26D	●	-XFA :2	15.C3
50L- - 0V--	27A		-QM691 :14	15.C4
50L- - 0V--	27B	●	-Y692 :2	15.C4
50L- - 0V--	27C		-KM21 :A2	15.C4
50L- - 0V--	27D	●	-Y911 :2	15.C4
50L- - 0V--	28A			15.C4
50L- - 0V--	28B	●	-XF754 :2	15.C4
50L- - 0V--	28C		-Y912 :2	15.C4
50L- - 0V--	28D	●	-Y691 :2	15.C4
50L- - 0V--	29A		-S153 :	15.C4
50L- - 0V--	29B	●	-KM751 :A2	15.C4
50L- - 0V--	29C			15.C4
50L- - 0V--	29D	●		15.C4
50L- - 0V--	30A			15.C5

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION | ADDITIONAL INFORMATION

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE A3

REFERENCE	SHEET	SCALE	APPLICATION	N°
ROMI DCM	129		ROMI DCM 620-5X V3.0	U14186D

-XT42

TERMINAL SPREADSHEET LIST

POTENTIAL	TERMINAL	JUMPER	DEVICE	LOCATION
50L- - 0V--	30B			15.C5
50L- - 0V--	30C		-SB51 :-	15.C5
50L- - 0V--	30D		-Y693 :2	15.C5
50L- - 0V--	31A		-K141 :5	15.C5
50L- - 0V--	31B		-X24 :-	15.C5
50L- - 0V--	31C			15.C5
50L- - 0V--	31D		-XF524 :2	15.C5
50L- - 0V--	32A			15.C6
50L- - 0V--	32B			15.C6
50L- - 0V--	32C		-A831 :BLACK	15.C6
50L- - 0V--	32D			15.C6
50L- - 0V--	33A		-A867 :14	15.C6
50L- - 0V--	33B			15.C6
50L- - 0V--	33C		-Y903 :	15.C6
50L- - 0V--	33D			15.C6
50L- - 0V--	34A			15.C6
50L- - 0V--	34B			15.C6
50L- - 0V--	34C		-Y913 :	15.C6
50L- - 0V--	34D			15.C6
50L- - 0V--	35A			15.C7
50L- - 0V--	35B			15.C7
50L- - 0V--	35C		-GS41 :-	15.C7
50L- - 0V--	35D			15.C7

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION | ADDITIONAL INFORMATION

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	130		ROMI DCM 620-5X V3.0	U14186D

-XT61

TERMINAL SPREADSHEET LIST

POTENTIAL	TERMINAL	JUMPER	DEVICE	LOCATION
CANAL 1	1A		-SB61 :12	19.D2
CANAL 1	1B		-XM173 :12	19.D2
CANAL 1	1C			19.D2
CANAL 1	1D			19.D2
CANAL 1	2A		-XM173 :14	19.D4
CANAL 1	2B		-XF292 :7	19.D4
CANAL 1	2C			19.D4
CANAL 1	2D			19.D4
CANAL 1	3A		-XF292 :10	19.D6
CANAL 1	3B		-SB691 :11	19.D6
CANAL 1	3C			19.D6
CANAL 1	3D			19.D6
CANAL 1	4A		-SB691 :12	19.D8
CANAL 1	4B		-F61 :S13	19.D8
CANAL 1	4C			19.D8
CANAL 1	4D			19.D8
CANAL 2	5A		-SB61 :22	19.D2
CANAL 2	5B		-XM173 :13	19.D2
CANAL 2	5C			19.D2
CANAL 2	5D			19.D2
CANAL 2	6A		-XM173 :15	19.D4
CANAL 2	6B		-XF292 :9	19.D4
CANAL 2	6C			19.D4
CANAL 2	6D			19.D4
CANAL 2	7A		-XF292 :8	19.D6
CANAL 2	7B		-SB691 :21	19.D6
CANAL 2	7C			19.D6
CANAL 2	7D			19.D6
CANAL 2	8A		-SB691 :22	19.D9
CANAL 2	8B		-F61 :S12	19.D9
CANAL 2	8C			19.D9
CANAL 2	8D			19.D9

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION | ADDITIONAL INFORMATION

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE A3

REFERENCE	SHEET	SCALE	APPLICATION	
ROMI DCM	131		ROMI DCM 620-5X V3.0	N° U14186D

-XT81 TERMINAL SPREADSHEET LIST

POTENTIAL	TERMINAL	JUMPER	DEVICE	LOCATION
50L+ - 24V--	1A		-XFL :2	24.B3
50L+ - 24V--	1B		-S81 :E1	24.B3
50L+ - 24V--	1C		-S82 :E1	24.B3
50L+ - 24V--	1D			24.B3
50L- - 0V--	2A		-S81 :E2	24.D3
50L- - 0V--	2B		-XT42 :21D	24.D3
50L- - 0V--	2C			24.D3
50L- - 0V--	2D		-S82 :E2	24.D3
LASER OK	3A		-S81 :34	24.D4
LASER OK	3B		-S82 :34	24.D4
LASER OK	3C			24.D4
LASER OK	3D		-XFF :4	24.D4
50L+ - 24V--	4A		-XT41 :9C	24.B4
50L+ - 24V--	4B		-S81 :33	24.B4
50L+ - 24V--	4C		-S82 :33	24.B4
50L+ - 24V--	4D			24.B4
CANAL 1	5A		-S81 :42	25.B6
CANAL 1	5B		-S82 :41	25.B6
CANAL 1	5C			25.B6
CANAL 1	5D			25.B6
CANAL 2	6A		-S81 :22	25.B8
CANAL 2	6B		-S82 :21	25.B8
CANAL 2	6C			25.B8
CANAL 2	6D			25.B8
CANAL 1	7A		-S82 :42	25.D6
CANAL 1	7B		-F81 :S13	25.D6
CANAL 1	7C		-K85 :10	25.D6
CANAL 1	7D			25.D6
CANAL 2	8A		-S82 :22	25.D8
CANAL 2	8B		-F81 :S12	25.D8
CANAL 2	8C		-K85 :11	25.D8
CANAL 2	8D			25.D8
50L+ - 24V--	9A		-XT41 :10A	24.B10
50L+ - 24V--	9B		-S81 :11	24.B10
50L+ - 24V--	9C		-S82 :11	24.B10
50L+ - 24V--	9D			24.B10
CANAL 1	10A		-F81 :S10	24.B6

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION | ADDITIONAL INFORMATION

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	N°
ROMI DCM	132		ROMI DCM 620-5X V3.0	U14186D

-XT81

TERMINAL SPREADSHEET LIST

POTENTIAL	TERMINAL	JUMPER	DEVICE	LOCATION
CANAL 1	10B		-S81 :41	24.B6
CANAL 1	10C			24.B6
CANAL 1	10D		-K85 :6	24.B6
CANAL 2	11A		-F81 :S14	24.B8
CANAL 2	11B		-S81 :21	24.B8
CANAL 2	11C			24.B8
CANAL 2	11D		-K85 :7	24.B8

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION | ADDITIONAL INFORMATION

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE A3

REFERENCE	SHEET	SCALE	APPLICATION	N°
ROMI DCM	133		ROMI DCM 620-5X V3.0	U14186D

-XT131

TERMINAL SPREADSHEET LIST

POTENTIAL	TERMINAL	JUMPER	DEVICE	LOCATION
	1A		-XFJ :2	17.E8
	1B			17.E8
	1C			17.E8
	1D			17.E8
	2A		-KA62 :24	17.E10
	2B			17.E10
	2C			17.E10
	2D			17.E10

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION | ADDITIONAL INFORMATION

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE A3

REFERENCE	SHEET	SCALE	APPLICATION	N°
ROMI DCM	134		ROMI DCM 620-5X V3.0	U14186D

SYMBOL	POSITION SCHEME	FUNCTION / DESCRIPTION OF PARTS	SUPPLIER CODE	SUPPLIER	ROMI CODE	APPLICATION	
						MACHINE	TYPE
-A121	34.B3	I/O INTERFACE MODULE	5514685	PHOENIX	T11705	ROMI DCM620 5X V3.0	X
-A122	35.B3	I/O INTERFACE MODULE	5514685	PHOENIX	T11705	ROMI DCM620 5X V3.0	X
	103.A8	I/O INTERFACE MODULE	5514685	PHOENIX	T11705	ROMI DCM620 5X V3.0	X
-A123	36.B3	I/O INTERFACE MODULE	5514685	PHOENIX	T11705	ROMI DCM620 5X V3.0	X
	90.D11	I/O INTERFACE MODULE	5514685	PHOENIX	T11705	ROMI DCM620 5X V3.0	X
-A291	84.E2	CHIP CONVEYOR MOTOR	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	O
-A691	67.D2	AUTOMATIC TOOL CHANGE INTERFACE - 30 POSITIONS	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-A751	90.E2	INTERFACE FLOOD COOLANT 20 / 70 BAR - MACH SYSTEM	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	O
-A831	95.C2	INTERFACE MODULE RMI	A-4113-0050	Renishaw	T65944	ROMI DCM620 5X V3.0	O
-A861	82.E2	LIQUID COOLER INTERFACE	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-A867	96.B2	TOOL PRESET		Renishaw	NC4	ROMI DCM620 5X V3.0	O
-B901	50.E2	B AXIS ENCODER	-	SEE MECHANICAL PARTS LIST	T73609	ROMI DCM620 5X V3.0	X
-B911	54.E2	ENCODER - C	-	SEE MECHANICAL PARTS LIST	T73609	ROMI DCM620 5X V3.0	X
-C391	62.D4	PANEL BLOWER MOTOR CAPACITOR	EN 60252	EBM	S41741	ROMI DCM620 5X V3.0	X
-F61	18.B2	SAFETY RELAY	085613	EUCHNER	S97432	ROMI DCM620 5X V3.0	X
-F81	20.B2	SAFETY RELAY - OPERATOR`S DOOR	085613	EUCHNER	S97432	ROMI DCM620 5X V3.0	X
-G141	41.C2	POWER SUPPLY	6SL3131-7TE23-6AA3	SIEMENS	T36755	ROMI DCM620 5X V3.0	X
-G781	97.E4	LINEAR SCALE - X	VER CATÁLOGO DE PEÇAS	-	-	ROMI DCM620 5X V3.0	O
-G782	98.E4	LINEAR SCALE - Y	VER CATÁLOGO DE PEÇAS	-	-	ROMI DCM620 5X V3.0	O
-G783	99.E4	LINEAR SCALE - Z	VER CATÁLOGO DE PEÇAS	-	-	ROMI DCM620 5X V3.0	O
-GS41	13.C2	24VDC POWER SUPPLY	6EP1336-3BA00	SIEMENS	S78275	ROMI DCM620 5X V3.0	X
-H511	65.E5	HOUR METER	R68403	ROMI	R68403	ROMI DCM620 5X V3.0	X
-H801	91.D8	STATUS INDICATOR	JSL-T-1-24V RYG	JARRER CO. LTD	T70493	ROMI DCM620 5X V3.0	O
-K51	16.D2	BASE RELAY	PYF14A-E	OMRON	S09158	ROMI DCM620 5X V3.0	X
	16.F2	MACHINE STARTING RELAY	MY4N-D2-DC24	OMRON	S09157	ROMI DCM620 5X V3.0	X
-K52	38.D6	BASE RELAY	PYF08A-E	OMRON	S09156	ROMI DCM620 5X V3.0	X
	38.F6	MACHINE POWER ON / CNC OK	MY2N-D2-DC24	OMRON	S09155	ROMI DCM620 5X V3.0	X
-K53	38.E2	MACHINE STARTING RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K61	18.E6	TIMING RELAY - 1 (10s)	RE22R1MKMR	SCHNEIDER	U46968	ROMI DCM620 5X V3.0	X
-K62	18.E12	TIMING RELAY - 2 (10s)	RE22R1MKMR	SCHNEIDER	U46968	ROMI DCM620 5X V3.0	X
-K63	17.E1	COMMAND RELAY ON	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K64	17.E4	RELAY ENABLES PULSE	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K81	21.E8	SAFETY RELAY OPERATOR`S DOOR	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K82	22.E11	UNLOCK OPERATOR'S DOOR	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K83	23.E1	OPERATOR'S DOOR BY PASS RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K84	21.D11	BASE RELAY AUXILIAR TRAVA PALLET	PYF08A-E	OMRON	S09156	ROMI DCM620 5X V3.0	X
	21.F11	AUXILIARY RELAY - OPERATOR`S DOOR	MY2N-D2-DC24	OMRON	S09155	ROMI DCM620 5X V3.0	X
-K85	23.D7	BASE RELAY	PYF14A-E	OMRON	S09158	ROMI DCM620 5X V3.0	X
	23.F7	OPERATOR'S DOOR BY PASS RELAY	MY4N-D2-DC24	OMRON	S09157	ROMI DCM620 5X V3.0	X
-K101	26.E12	UNLOCK MAINTENANCE DOOR MAGAZINE RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K111	93.E1	RELAY - OPERATOR OPEN AUTOMATIC DOOR	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	O

CONFIGURAÇÃO X = STANDARD O = OPCIONAL V = VARIANTE E = ESPECIAL * = FIM DE EFETIVIDADE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: FUNCTION / DESCRIPTION OF PARTS

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	135		ROMI DCM 620-5X V3.0	U14186D

SYMBOL	POSITION SCHEME	FUNCTION / DESCRIPTION OF PARTS	SUPPLIER CODE	SUPPLIER	ROMI CODE	APPLICATION	
						MACHINE	TYPE
-K112	93.E3	RELAY - OPERATOR CLOSE AUTOMATIC DOOR	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	O
-K131	37.D2	BASE RELAY	PYF14A-E	OMRON	S09158	ROMI DCM620 5X V3.0	X
	37.F2	CNC ON RELAY	MY4N-D2-DC24	OMRON	S09157	ROMI DCM620 5X V3.0	X
-K141	42.D9	BASE RELAY	P7TF-05	OMRON	S07954	ROMI DCM620 5X V3.0	X
		MAIN CONTACTOR RELAY	G7T-1112S-DC24	OMRON	S07955	ROMI DCM620 5X V3.0	X
-K151	46.E1	TOOL UNLOCK RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K152	46.E3	TOOL CLEANING ON RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K153	45.E3	UNCLAMP TOOL - WORK LIGHT	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K231	60.E1	HYDRAULIC UNIT RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K232	60.E10	RELAY SOLENOID VENTAGEM	G3R-ODX02SN-UTU DC5-24	OMRON	S72076	ROMI DCM620 5X V3.0	X
-K233	60.E12	RELAY SOLENOID PRESSURIZAÇÃO	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K241	77.E9	WASH GUN RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K251	57.E10	PUMP COOLANT RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K271	61.D12	LUBRICATION RELAY BASE	PYF08A-E	OMRON	S09156	ROMI DCM620 5X V3.0	X
	61.F12	LUBE PUMP RELAY	MY2N-D2-DC24	OMRON	S09155	ROMI DCM620 5X V3.0	X
-K272	61.E10	TURN ON LUBRICATION RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K291	84.E9	FORWARD CHIP CONVEYOR RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	O
-K292	84.E12	REVERSE CHIP CONVEYOR RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	O
-K411	86.E8	RELAY LUBRICANT OIL SKIMMER	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	O
-K412	86.D11	BASE RELAY	PYF08A-E	OMRON	S09156	ROMI DCM620 5X V3.0	X
	86.F11	RELAY LUBRICANT OIL SKIMMER	MY2N-D2-DC24	OMRON	S09155	ROMI DCM620 5X V3.0	X
-K491	63.E2	WORK LIGHT	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K492	63.C6	BASE RELAY	PYF08A-E	OMRON	S09156	ROMI DCM620 5X V3.0	X
	63.F6	RELAY WORK LIGHT	MY2N-D2-DC24	OMRON	S09155	ROMI DCM620 5X V3.0	X
-K511	65.E1	HOURMETER RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K611	87.E10	CHIP CLEAN RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K691	73.E1	TOOL POCKET FORWARD RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K692	73.E2	TOOL POCKET BACKWARD RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K693	69.E9	CHANGE ARM RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K694	73.E4	ATC PORT OPENING RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K695	73.E5	CLOSE ATC DOOR RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K696	67.E10	CW MAGAZINE RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K697	67.E12	CCW MAGAZINE RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K731	88.E10	MIST EXAUST RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	O
-K751	89.E10	MIST EXAUST RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	O
	90.E7	SPINDLE CENTER COOLING	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	O
-K801	91.E1	MACHINE - CYCLE RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	O
-K802	91.E3	MACHINE - PRE ALARM RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	O
-K803	91.E4	MACHINE - EMERGENCY RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	O
-K831	95.E11	PROBE RELAY M CODE	G3R-ODX02SN-UTU DC5-24	OMRON	S72076	ROMI DCM620 5X V3.0	O
-K861	96.E10	PROBE RELAY M CODE	G3R-ODX02SN-UTU DC5-24	OMRON	S72076	ROMI DCM620 5X V3.0	O

CONFIGURAÇÃO X = STANDARD O = OPCIONAL V = VARIANTE E = ESPECIAL * = FIM DE EFETIVIDADE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: FUNCTION / DESCRIPTION OF PARTS

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	136		ROMI DCM 620-5X V3.0	U14186D

SYMBOL	POSITION SCHEME	FUNCTION / DESCRIPTION OF PARTS	SUPPLIER CODE	SUPPLIER	ROMI CODE	APPLICATION	
						MACHINE	TYPE
-K901	52.E6	B AXIS SADDLE LOCKING RELAYB AXIS SADDLE UNLOCKING RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K902	52.E1	B AXIS SADDLE LOCKING RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K903	52.E10	RELAY RETENTION PRESSURE - B	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K911	55.E9	TABLE UNLOCKING RELAY C AXIS	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K912	55.E5	RELAY LOCK TABLE C AXIS	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K913	56.E2	RELAY RETENTION PRESSURE - C	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	X
-K1001	10.B2	AUTO POWER OFF	29390	SCHNEIDER	T11491	ROMI DCM620 5X V3.0	O
	10.B9	AUTO POWER OFF	29390	SCHNEIDER	T11491	ROMI DCM620 5X V3.0	O
-K1002	94.E1	AUTO POWER OFF RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	O
-K1061	92.E1	PNEUMATIC CLEANING RELAY	G2R-1-SND DC24(S)	OMRON	S72075	ROMI DCM620 5X V3.0	O
-KA61	18.D8	EMERGENCY LINE AUXILIARY CONTACTOR-1	CAD-50BL	SCHNEIDER	S41429	ROMI DCM620 5X V3.0	X
	18.F9	AUX. CONTACTOR	LAD-N11	SCHNEIDER	S41510	ROMI DCM620 5X V3.0	X
-KA62	18.E10	EMERGENCY LINE AUXILIARY CONTACTOR-2	CAD-50BL	SCHNEIDER	S41429	ROMI DCM620 5X V3.0	X
	18.F11	AUX. CONTACTOR	LAD-N11	SCHNEIDER	S41510	ROMI DCM620 5X V3.0	X
-KM21	11.F12	FEEDING CONTACTOR - EMERGENCY	LC1-D12BL	SCHNEIDER	S41430	ROMI DCM620 5X V3.0	X
-KM141	42.F12	MAIN CONTACTOR	LC1-D80M7	SCHNEIDER	S41377	ROMI DCM620 5X V3.0	X
-KM231	60.F4	HYDRAULIC UNIT MOTOR CONTACTOR	LC1-D12BL	SCHNEIDER	S41430	ROMI DCM620 5X V3.0	X
-KM241	77.F11	WASH GUN CONTACTOR	LC1-D12BL	SCHNEIDER	S41430	ROMI DCM620 5X V3.0	X
-KM251	57.F12	COOLANT MOTOR CONTACTOR	LC1-D12BL	SCHNEIDER	S41430	ROMI DCM620 5X V3.0	X
-KM291	85.F2	FORWARD CHIP CONVEYOR MOTOR CONTACTOR	LC1-D12BL	SCHNEIDER	S41430	ROMI DCM620 5X V3.0	O
-KM292	85.F5	REVERSE CHIP CONVEYOR MOTOR CONTACTOR	LC1-D12BL	SCHNEIDER	S41430	ROMI DCM620 5X V3.0	O
-KM611	87.F12	CHIP CLEAN MOTOR CONTACTOR	LC1-D12BL	SCHNEIDER	S41430	ROMI DCM620 5X V3.0	X
-KM691	68.F2	ATC CW CONTACTOR	LC1-D12BL	SCHNEIDER	S41430	ROMI DCM620 5X V3.0	X
-KM692	69.F12	CHANGE ARM MOTOR CONTACTOR	LC1-D12BL	SCHNEIDER	S41430	ROMI DCM620 5X V3.0	X
-KM693	68.F5	ATC COUNTERCLOCKWISE ROTATION CONTACTOR	LC1-D12BL	SCHNEIDER	S41430	ROMI DCM620 5X V3.0	X
-KM731	88.F13	COOLANT MIST EXHAUST CONTACTOR	LC1-D12BL	SCHNEIDER	S41430	ROMI DCM620 5X V3.0	O
-KM751	89.F13	SPINDLE CENTER COOLING MOTOR CONTACTOR	LC1-D12BL	SCHNEIDER	S41430	ROMI DCM 620-5X V3.0 - 7 BAR	O
-L141	40.C2	AIM	6SL3100-0BE23-6AB0	SIEMENS	T62928	ROMI DCM620 5X V3.0	X
-L491	64.D2	WORK LIGHT - 1	HPL-281DE	JARRER	U17197	ROMI DCM620 5X V3.0	X
-L492	64.D6	WORK LIGHT - 2	HPL-281DE	JARRER	U17197	ROMI DCM620 5X V3.0	X
-L493	64.D11	WORK LIGHT - 3	HPL-281D	JARRER	U17459	ROMI DCM620 5X V3.0	X
-M151	43.E2	MOTOR SPINDLE	1PH8107-1SM02-3MC1	SIEMENS	U17892	ROMI DCM620 5X V3.0	X
-M181	47.E2	AXIS MOTOR X	1FT7102-5AF71-1CG1	SIEMENS	T92828	ROMI DCM620 5X V3.0	X
-M191	47.E6	AXIS MOTOR Y	1FK7101-2AF71-1CG1	SIEMENS	T92832	ROMI DCM620 5X V3.0	X
-M201	48.E2	Z AXIS MOTOR	1FK7103-2AF71-1CH1	SIEMENS	T92838	ROMI DCM620 5X V3.0	X
-M231	59.E2	HIDRAULIC UNIT MOTOR	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-M241	77.E2	WASH GUN MOTOR	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-M251	57.E2	FLOOD COOLANT MOTOR	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-M271	61.E2	LUBE PUMP MOTOR	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-M281	83.D2	AIR CONDITIONER	SK3305.140	RITTAL	S95295	ROMI DCM620 5X V3.0	O
-M391	62.E4	ELECTRIC PANEL CLIMATIZATION	R2E 190-AO26-05	EBM	S89620	ROMI DCM620 5X V3.0	X

CONFIGURAÇÃO X = STANDARD O = OPCIONAL V = VARIANTE E = ESPECIAL * = FIM DE EFETIVIDADE

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: FUNCTION / DESCRIPTION OF PARTS

ROMI®

DESIGNED	FERNANDO	11/09/2013
DRAWER	ANDREW	11/09/2013
CONTROLLED	VILALTA	11/09/2013

PROJECTION | SIZE: A3

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	137		ROMI DCM 620-5X V3.0	U14186D

SYMBOL	POSITION SCHEME	FUNCTION / DESCRIPTION OF PARTS	SUPPLIER CODE	SUPPLIER	ROMI CODE	APPLICATION	
						MACHINE	TYPE
-M392	112.E8	BLOWER OPERATION PANEL MOTOR	SK3108.000	RITTAL	S19983	ROMI DCM620 5X V3.0	X
-M411	86.E2	LUBRICANT OIL SKIMMER MOTOR	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	O
-M611	87.E2	CHIP CLEAN MOTOR	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-M731	88.E2	COOLANT MIST EXHAUST MOTOR	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	O
-M751	89.E2	MOTOR FOR SPINDLE CENTER COOLING - 7 BAR	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM 620-5X V3.0 - 7 BAR	O
-M752	90.E9	TRANSFER MOTOR	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	O
-M901	49.E2	B AXIS MOTOR	1FK7105-2AF71-1CG1	SIEMENS	T92844	ROMI DCM620 5X V3.0	X
-M911	53.E2	AXIS MOTOR C	1FK7063-2AF71-1CG1	SIEMENS	U16145	ROMI DCM620 5X V3.0	X
-N121	113.A1	INPUT / OUTPUT MODULE	6FC5311-0AA00-1AA0	SIEMENS	T63241	ROMI DCM620 5X V3.0	X
						ROMI DCM620 5X V3.0	X
-N122	81.A4	INPUT / OUTPUT MODULE	6FC5311-0AA00-1AA0	SIEMENS	T63241	ROMI DCM620 5X V3.0	X
	117.A1	INPUT / OUTPUT MODULE	6FC5311-0AA00-1AA0	SIEMENS	T63241	ROMI DCM620 5X V3.0	X
-N131	39.B1	CNC	6FC5372-0AA30-0AA1	SIEMENS	U13602	ROMI DCM620 5X V3.0	X
-N133	27.C7	TCU	6FC5312-0DA00-1AA0	SIEMENS	U20952	ROMI DCM620 5X V3.0	X
-N134	27.E7	KEYBOARD	6FC5203-0AF20-0AA1	SIEMENS	T95178	ROMI DCM620 5X V3.0	X
-N135	27.C12	MONITOR OP019	6FC5303-0AF13-0AA0	SIEMENS	U20922	ROMI DCM620 5X V3.0	X
-N136	27.C2	EMERGENCY BUTTON	6FC5303-0AF22-0AA1	SIEMENS	T95177	ROMI DCM620 5X V3.0	X
-N151	43.B2	SPINDLE AMPLIFIER	6SL3121-1TE24-5AA3	SIEMENS	T36777	ROMI DCM620 5X V3.0	X
-N171	47.B1	X AXIS AMPLIFIER / Y	6SL3121-2TE21-8AA3	SIEMENS	T33254	ROMI DCM620 5X V3.0	X
-N172	30.B2	BOTÃO EMERGÊNCIA PAINEL REMOTO	079827	EUCHNER	S99307	ROMI DCM620 5X V3.0	X
-N201	48.B2	Z AXIS AMPLIFIER	6SL3121-1TE23-0AA3	SIEMENS	T33256	ROMI DCM620 5X V3.0	X
-N781	97.B2	ENCODER MODULE	6SL3055-0AA00-5BA3	SIEMENS	S87810	ROMI DCM620 5X V3.0	O
-N782	98.B2	ENCODER MODULE	6SL3055-0AA00-5BA3	SIEMENS	S87810	ROMI DCM620 5X V3.0	O
-N783	99.B2	ENCODER MODULE	6SL3055-0AA00-5BA3	SIEMENS	S87810	ROMI DCM620 5X V3.0	O
-N901	49.B2	AXIS AMPLIFIER B	6SL3121-1TE23-0AA3	SIEMENS	T33256	ROMI DCM620 5X V3.0	X
-N902	50.B1	ENCODER MODULE	6SL3055-0AA00-5BA3	SIEMENS	S87810	ROMI DCM620 5X V3.0	X
-N911	53.B2	AXIS AMPLIFIER C	6SL3121-1TE21-0AA4	SIEMENS	T36789	ROMI DCM620 5X V3.0	X
-N912	54.B1	ENCODER MODULE	6SL3055-0AA00-5BA3	SIEMENS	S87810	ROMI DCM620 5X V3.0	X
-QM11	10.B3	DISTRIBUTION CIRCUIT BREAKER	LV429631	SCHNEIDER	T46465	ROMI DCM620 5X V3.0	X
	10.B10	DISTRIBUTION CIRCUIT BREAKER	LV429631	SCHNEIDER	T46465	ROMI DCM 620-5X V3.0 - 360~480V	X
			LV430630	SCHNEIDER	T46411	ROMI DCM 620-5X V3.0 - 200~250V	O
	41.B4	FORWARD AUXILIARY CONTACT	29345	SCHNEIDER	T46404	ROMI DCM620 5X V3.0	X
-QM21	12.B2	CONTROL AUTO TRAFO CIRCUIT BREAKER (6A)	24335	SCHNEIDER	R18116	ROMI DCM620 5X V3.0	X
-QM22	11.C6	DISTRIBUTION CIRCUIT BREAKER(40A)	GV3-P40	SCHNEIDER	T49331	ROMI DCM620 5X V3.0	X
-QM31	12.C7	WORK LIGHT CIRCUIT BREAKER / SERVICE OUTLET / BLOWER OPERATION PANEL MOTOR (4A)	24334	SCHNEIDER	S46176	ROMI DCM620 5X V3.0	X
-QM41	13.A2	POWER SUPPLY CIRCUIT BRAKER-24V (10A)	24336	SCHNEIDER	R29597	ROMI DCM620 5X V3.0	X
-QM141	42.A2	MAIN CONTACTOR CIRCUIT BREAKER (2A)	24332	SCHNEIDER	R15076	ROMI DCM620 5X V3.0	X
-QM151	44.B2	CIRCUIT BREAKER FOR BLOWER SPINDLE - (0,40A)	GV2-ME01	SCHNEIDER	S41487	ROMI DCM620 5X V3.0	X
	44.B3	1NO / 1NC AUXILIARY CONTACTOR	GV-AE11	SCHNEIDER	R76267	ROMI DCM620 5X V3.0	X
-QM231	59.B2	HYDRAULIC UNIT MOTOR CIRCUIT BRAKER (3,5A)	GV2-ME08	SCHNEIDER	R72713	ROMI DCM620 5X V3.0	X
-QM241	77.B2	WASH GUN MOTOR CIRCUIT BRAKER (2,9A)	GV2-ME08	SCHNEIDER	R72713	ROMI DCM620 5X V3.0	X

CONFIGURAÇÃO X = STANDARD O = OPCIONAL V = VARIANTE E = ESPECIAL * = FIM DE EFETIVIDADE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: FUNCTION / DESCRIPTION OF PARTS

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	138		ROMI DCM 620-5X V3.0	U14186D

SYMBOL	POSITION SCHEME	FUNCTION / DESCRIPTION OF PARTS	SUPPLIER CODE	SUPPLIER	ROMI CODE	APPLICATION	
						MACHINE	TYPE
-QM241	77.B3	1NO / 1NC AUXILIARY CONTACTOR	GV-AE11	SCHNEIDER	R76267	ROMI DCM620 5X V3.0	X
-QM251	57.B2	COOLANT MOTOR CIRCUIT BRAKER (2,9A)	GV2-ME08	SCHNEIDER	R72713	ROMI DCM620 5X V3.0	X
	57.B3	1NO / 1NC AUXILIARY CONTACTOR	GV-AE11	SCHNEIDER	R76267	ROMI DCM620 5X V3.0	X
-QM271	61.B2	LUBRICATION MOTOR CIRCUIT BREAKER (2A)	24332	SCHNEIDER	R15076	ROMI DCM620 5X V3.0	X
-QM281	83.B2	CIRCUIT BREAKER FOR AIR CONDITIONER (10A)	24349	SCHNEIDER	Q15390	ROMI DCM620 5X V3.0	O
-QM291	84.A3	1NO / 1NC AUXILIARY CONTACTOR	GV-AE11	SCHNEIDER	R76267	ROMI DCM620 5X V3.0	O
		CIRCUIT BREAKER FOR CHIP CONVEYOR (0,75A)	GV2-ME05	SCHNEIDER	R76266	ROMI DCM620 5X V3.0	O
-QM391	62.A4	ELECTRIC PANEL ACCLIMATION CIRCUIT BREAKER (2A)	24332	SCHNEIDER	R15076	ROMI DCM620 5X V3.0	X
-QM411	86.B2	OIL SEPARATOR MOTOR CIRCUIT BREAKER - (2A)	24332	SCHNEIDER	R15076	ROMI DCM620 5X V3.0	X
-QM611	87.B2	CHIP CLEAN MOTOR CIRCUIT BRAKER(2,9A)	GV2-ME08	SCHNEIDER	R72713	ROMI DCM620 5X V3.0	X
	87.B3	1NO / 1NC AUXILIARY CONTACTOR	GV-AE11	SCHNEIDER	R76267	ROMI DCM620 5X V3.0	X
-QM691	67.B2	MAGAZINE SPIN MOTOR CIRCUIT BRAKER (1,9A)	GV2-ME07	SCHNEIDER	R72712	ROMI DCM620 5X V3.0	X
	67.B3	1NO / 1NC AUXILIARY CONTACTOR	GV-AE11	SCHNEIDER	R76267	ROMI DCM620 5X V3.0	X
-QM692	69.B2	CHANGE ARM MOTOR CIRCUIT BRAKER (2A)	GV2-ME07	SCHNEIDER	R72712	ROMI DCM620 5X V3.0	X
	69.B3	1NO / 1NC AUXILIARY CONTACTOR	GV-AE11	SCHNEIDER	R76267	ROMI DCM620 5X V3.0	X
-QM731	88.B2	MIST EXAUST MOTOR-CIRCUIT BRAKER (5,5A)	GV2-ME10	SCHNEIDER	R37373	ROMI DCM620 5X V3.0	O
	88.B3	1NO / 1NC AUXILIARY CONTACTOR	GV-AE11	SCHNEIDER	R76267	ROMI DCM620 5X V3.0	O
-QM751	89.B2	CIRCUIT BREAKER OF SPINDLE CENTER COOLING MOTOR - 7 BAR (3,4A)	GV2-ME08	SCHNEIDER	R72713	ROMI DCM 620-5X V3.0 - 7 BAR	O
	89.B3	1NO / 1NC AUXILIARY CONTACTOR	GV-AE11	SCHNEIDER	R76267	ROMI DCM 620-5X V3.0 - 7 BAR	O
	90.B2	CIRCUIT BREAKER OF SPINDLE CENTER COOLING MOTOR - 20 / 70 BAR	5SX1 316-7	SIEMENS	R68750	ROMI DCM 620-5X V3.0 - 20 / 70 BAR	O
-QM861	82.B2	HEAD COOLING MOTOR CIRCUIT BREAKER - (6,5A)	24348	SCHNEIDER	Q15389	ROMI DCM620 5X V3.0	X
-S81	24.B3	OPERATOR'S DOOR INTERLOCK - 1	084142+074576	EUCHNER	S48285	ROMI DCM620 5X V3.0	X
-S82	25.B3	OPERATOR'S DOOR INTERLOCK - 2	084142+074576	EUCHNER	S48285	ROMI DCM620 5X V3.0	X
-S101	26.C3	LOCK ELECTRICAL MAGAZINE DOOR	084142+059440	EUCHNER	S84109	ROMI DCM620 5X V3.0	X
-S111	93.B5	SENSOR - AUTOMATIC DOOR OPENED	ZV14H 235-11Z	ACE SCHMERSAL	S27365	ROMI DCM620 5X V3.0	O
-S112	93.B6	SENSOR - CLOSE AUTOMATIC DOOR	3SE5 232-0LD03	SIEMENS	T88228	ROMI DCM620 5X V3.0	O
-S151	45.B7	UNLOCKED TOOL SHAFT SENSOR	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-S152	45.B9	TOOL CLAMPED SENSOR - SPINDLE	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-S153	45.B12	TOOL SENSOR OK - SPINDLE	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-S154	78.E4	SENSOR SHAFT BEARINGS	-	SEE MECHANICAL PARTS LIST	U09985	SISTEMA COMPENSAÇÃO TÉRMICA -COM ESCALA LINEAR	X
-S155	79.E4	SENSOR BEARINGS	-	SEE MECHANICAL PARTS LIST	U09985	SISTEMA COMPENSAÇÃO TÉRMICA -COM ESCALA LINEAR	X
	81.E4	SENSOR BEARINGS	-	SEE MECHANICAL PARTS LIST	U09985	SISTEMA COMPENSAÇÃO TÉRMICA -SEM ESCALA LINEAR	X
-S156	79.E10	SENSOR BASE	-	SEE MECHANICAL PARTS LIST	U09985	SISTEMA COMPENSAÇÃO TÉRMICA -COM ESCALA LINEAR	X
	81.E10	SENSOR BASE	-	SEE MECHANICAL PARTS LIST	U09985	SISTEMA COMPENSAÇÃO TÉRMICA -SEM ESCALA LINEAR	X
-S157	80.E4	SENSOR SHAFT BEARINGS	-	SEE MECHANICAL PARTS LIST	U09985	SISTEMA COMPENSAÇÃO TÉRMICA -SEM ESCALA LINEAR	X
-S231	59.B11	HYDRAULIC UNIT PRESSURE SWITCH	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-S251	58.B2	SWITCH NÍVEL - FLOOD COOLANT	VER CATÁLOGO DE PEÇAS	-	-	ROMI DCM620 5X V3.0	X
-S271	61.B6	LOW LUBE LEVEL SWITCH	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-S272	61.B8	PERFORMANCE PRESSURE LUBRIFICATION	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-S281	83.C4	DOOR MICRO SWITCH	T4R 236 11z	ACE SCHMERSAL	S93664	ROMI DCM620 5X V3.0	O
-S391	62.C4	ELECTRIC PANEL DOOR MICRO SWITCH	T4R 236 20z	ACE SCHMERSAL	S93665	ROMI DCM620 5X V3.0	X

CONFIGURAÇÃO X = STANDARD O = OPCIONAL V = VARIANTE E = ESPECIAL * = FIM DE EFETIVIDADE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: FUNCTION / DESCRIPTION OF PARTS

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	139		ROMI DCM 620-5X V3.0	U14186D

SYMBOL	POSITION SCHEME	FUNCTION / DESCRIPTION OF PARTS	SUPPLIER CODE	SUPPLIER	ROMI CODE	APPLICATION	
						MACHINE	TYPE
-S392	62.B9	ACCLIMATIZATION SUPERVISOR MICRO SWITCH	S70900	ROMI	S70900	ROMI DCM620 5X V3.0	X
-S691	74.B2	MICROSWITCH CLOSED MAGAZINE DOOR	3SE5232-0LE10	SIEMENS	U14647	ROMI DCM620 5X V3.0	X
-S692	74.B5	MICROSWITCH DOOR MAGAZINE ABERTA	3SE5232-0LE10	SIEMENS	U14647	ROMI DCM620 5X V3.0	X
-S751	89.C8	1 DIRTY FILTER PRESSURE SWITCH	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM 620-5X V3.0 - 7 BAR	O
-S783	78.E10	SENSOR Z AXIS LINEAR SCALE	-	SEE MECHANICAL PARTS LIST	U09985	SISTEMA COMPENSAÇÃO TÉRMICA -COM ESCALA LINEAR	X
-S784	80.E10	SENSOR NUT Z AXIS	-	SEE MECHANICAL PARTS LIST	U09985	SISTEMA COMPENSAÇÃO TÉRMICA -SEM ESCALA LINEAR	X
-S901	51.B2	PRESSURE SWITCH AXIS - B	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-S902	51.B7	SAFETY LIMIT FOR PATH (B+)	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-S903	51.B9	SAFETY LIMIT FOR PATH (B-)	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-S911	55.B2	PRESSURE SWITCH - AXIS C	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-S1051	76.B2	LOW PNEUMATIC PRESSURE SWITCH	VER CATÁLOGO DE PEÇAS	-	-	ROMI DCM620 5X V3.0	X
-S1052	76.C6	PRESSURE SWITCH PRESSURE POSITIVA TABLE AXIS B/C	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-SB51	16.B2	MACHINE ON	XB6-DW3B1B	SCHNEIDER	R93137	ROMI DCM620 5X V3.0	X
-SB61	19.B2	EMERGENCY BUTTON - MCP	XB5-AS544	SCHNEIDER	S48974	ROMI DCM620 5X V3.0	X
-SB81	22.B2	OPEN DOOR BUTTON - OPERATOR`S DOOR	ZB4BW0B11 + ZB4BW1138	SCHNEIDER	S10078	ROMI DCM620 5X V3.0	X
-SB131	37.B2	CNC ON BUTTON	XB6-DW3B1B	SCHNEIDER	R93137	ROMI DCM620 5X V3.0	X
-SB151	45.B1	TOOL UNLOCK BUTTON	ZB4BW0B11 + ZB4BW1138	SCHNEIDER	S10078	ROMI DCM620 5X V3.0	X
-SB571	28.B4	CYCLE START BUTTON	ZB4BW0B31 + ZB4BW1338	SCHNEIDER	S10074	ROMI DCM620 5X V3.0	X
-SB572	28.B2	CYCLE STOP BUTTON	ZB4BW0B45+ZB4BW1438	SCHNEIDER	S10076	ROMI DCM620 5X V3.0	X
-SB591	28.B6	BUTTON CONFIRMAÇÃO	ZB4BW0B11 + ZB4BW1138	SCHNEIDER	S10078	ROMI DCM620 5X V3.0	X
-SB592	28.B12	SETUP MODE SELECTION KEY	ZB4-BZ101+ZB4-BG212	SCHNEIDER	S93881	ROMI DCM620 5X V3.0	X
-SB671	28.B8	ENABLE REMOTE OPERATION PANEL	ZB4-BZ103+ZB4-BG414	SCHNEIDER	T09381	ROMI DCM620 5X V3.0	X
-SB691	19.B8	EMERGENCY BUTTON - AUTOMATIC TOOL CHANGER	XB5-AS544	SCHNEIDER	S48974	ROMI DCM620 5X V3.0	X
-SB692	74.B7	BUTTON CLOCKWISE MAGAZINE	ZB4BW0B11 + ZB4BW1138	SCHNEIDER	S10078	ROMI DCM620 5X V3.0	X
-SB693	74.B10	BUTTON COUNTERCLOCKWISE MAGAZINE	ZB4BW0B11 + ZB4BW1138	SCHNEIDER	S10078	ROMI DCM620 5X V3.0	X
-SB694	74.B12	AUTO / JOG MAGAZINE SWITCH	XB4-BG21	SCHNEIDER	S09374	ROMI DCM620 5X V3.0	X
-SB695	74.B9	BUTTON MAGAZINE OK	ZB4BW0B11 + ZB4BW1138	SCHNEIDER	S10078	ROMI DCM620 5X V3.0	X
-T11	10.D10	AUTO TRAFO 8 TAPS - 50 KVA	S61937	TRA / WALTEC	S61937	ROMI DCM 620-5X V3.0 - 200~250V	O
-T31	12.C2	TRANSFORMER (COMMAND)	-	TRA	T50428	ROMI DCM620 5X V3.0	X
-X1	43.D2	CONNECTOR	87.4.010.251	A. SCHWEIGER GMBH	S98880	ROMI DCM620 5X V3.0	X
	47.D2	CONNECTOR	87.4.010.251	A. SCHWEIGER GMBH	S98880	ROMI DCM620 5X V3.0	X
	48.D3	CONNECTOR	87.4.010.251	A. SCHWEIGER GMBH	S98880	ROMI DCM620 5X V3.0	X
	49.D2	CONNECTOR	87.4.010.251	A. SCHWEIGER GMBH	S98880	ROMI DCM620 5X V3.0	X
	53.D2	CONNECTOR	87.4.010.251	A. SCHWEIGER GMBH	S98880	ROMI DCM620 5X V3.0	X
-X2	47.D6	CONNECTOR	87.4.010.251	A. SCHWEIGER GMBH	S98880	ROMI DCM620 5X V3.0	X
-X20	27.B3	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
-X21	27.B5	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
-X24	43.B8	CONNECTOR	6SL3162-2AA00-0AA0	SIEMENS	S87805	ROMI DCM620 5X V3.0	X
-X100	39.B3	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
-X101	39.B4	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
-X102	39.B6	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X

CONFIGURAÇÃO X = STANDARD O = OPCIONAL V = VARIANTE E = ESPECIAL * = FIM DE EFETIVIDADE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: FUNCTION / DESCRIPTION OF PARTS

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	140		ROMI DCM 620-5X V3.0	U14186D

SYMBOL	POSITION SCHEME	FUNCTION / DESCRIPTION OF PARTS	SUPPLIER CODE	SUPPLIER	ROMI CODE	APPLICATION	
						MACHINE	TYPE
-X105	39.B11	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
-X111	34.E6	CONNECTOR	5-881107-0	TYCO	Q61319	ROMI DCM620 5X V3.0	X
-X120	39.B12	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
-X200	41.B6	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	43.B5	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	47.B5	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	48.B5	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	49.B5	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	53.B5	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
-X201	41.D2	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	43.B6	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	47.B6	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	48.B7	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	49.B6	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	53.B6	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
-X202	27.B8	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	41.D3	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	43.D3	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	47.D3	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	48.D4	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	49.D3	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	53.D3	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
-X203	47.D7	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
-X222	35.E6	CONNECTOR	5-881107-0	TYCO	Q61319	ROMI DCM620 5X V3.0	X
-X333	36.E6	CONNECTOR	5-881107-0	TYCO	Q61319	ROMI DCM620 5X V3.0	X
	90.E11	CONNECTOR	5-881107-0	TYCO	Q61319	ROMI DCM620 5X V3.0	O
-X500	50.B3	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	54.B3	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
	97.B4	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	O
	98.B4	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	O
	99.B4	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	O
-X520	50.D2	CONNECTOR	6FC9 348-7HP00-Z.	SIEMENS	R81463	ROMI DCM620 5X V3.0	X
	54.D2	CONNECTOR	6FC9 348-7HP00-Z.	SIEMENS	R81463	ROMI DCM620 5X V3.0	X
	97.D5	CONNECTOR	6FC9 348-7HP00-Z.	SIEMENS	R81463	ROMI DCM620 5X V3.0	O
	98.D5	CONNECTOR	6FC9 348-7HP00-Z.	SIEMENS	R81463	ROMI DCM620 5X V3.0	O
	99.D5	CONNECTOR	6FC9 348-7HP00-Z.	SIEMENS	R81463	ROMI DCM620 5X V3.0	O
-XF64	30.B2	CONNECTOR	074384	EUCHNER	S98666	ROMI DCM620 5X V3.0	X
-XF172	31.E12	CONNECTOR	074384	EUCHNER	S98666	ROMI DCM620 5X V3.0	X
-XF173	30.C2	CONNECTOR	205205-1	AMP	R41177	ROMI DCM620 5X V3.0	X
-XF181	47.E2	CONNECTOR	6FX2 003 - 0LU10	SIEMENS	R98692	ROMI DCM620 5X V3.0	X
-XF191	47.E6	CONNECTOR	6FX2 003 - 0LU10	SIEMENS	R98692	ROMI DCM620 5X V3.0	X

CONFIGURAÇÃO X = STANDARD O = OPCIONAL V = VARIANTE E = ESPECIAL * = FIM DE EFETIVIDADE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: FUNCTION / DESCRIPTION OF PARTS

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	141		ROMI DCM 620-5X V3.0	U14186D

SYMBOL	POSITION SCHEME	FUNCTION / DESCRIPTION OF PARTS	SUPPLIER CODE	SUPPLIER	ROMI CODE	APPLICATION	
						MACHINE	TYPE
-XF201	48.E3	CONNECTOR	6FX2 003 - 0LU10	SIEMENS	R98692	ROMI DCM620 5X V3.0	X
-XF241	77.D2	CONNECTOR	09.33.006.2701	HARTING	Q12375	ROMI DCM620 5X V3.0	O
-XF251	57.D2	CONNECTOR	09.20.003.2711	HARTING	R94420	ROMI DCM620 5X V3.0	X
-XF252	58.A2	CONNECTOR	09.33.006.2701	HARTING	Q12375	ROMI DCM620 5X V3.0	X
-XF292	84.E3	CONNECTOR	09.32.010.3101	HARTING	S26981	ROMI DCM620 5X V3.0	O
-XF402	90.B9	CONNECTOR	09.33.006.2701	HARTING	Q12375	ROMI DCM620 5X V3.0	O
-XF403	90.E5	CONNECTOR	09.70.006.2616	HARTING	R96139	ROMI DCM620 5X V3.0	O
-XF404	90.E2	CONNECTOR	09.31.006.2701	HARTING	P18120	ROMI DCM620 5X V3.0	O
-XF411	86.D2	CONNECTOR	09.20.004.2711	HARTING	S19476	ROMI DCM620 5X V3.0	X
-XF524	97.B2	CONNECTOR	1-178288-3	AMP	R79991	ROMI DCM620 5X V3.0	O
	98.B2	CONNECTOR	1-178288-3	AMP	R79991	ROMI DCM620 5X V3.0	O
	99.B2	CONNECTOR	1-178288-3	AMP	R79991	ROMI DCM620 5X V3.0	O
-XF531	66.E3	SERVICE OUTLET - 2A	4000-68213-3310000	MURRELEKTRONIK	U10270	ROMI DCM620 5X V3.0	X
-XF532	27.D8	USB	4000-73000-0150000	MURRELEKTRONIK	U20111	ROMI DCM620 5X V3.0	X
-XF612	87.D2	CONNECTOR	09.20.004.2711	HARTING	S19476	ROMI DCM620 5X V3.0	X
-XF731	88.D2	CONNECTOR	09.20.003.2711	HARTING	R94420	ROMI DCM620 5X V3.0	O
-XF751	89.D2	CONNECTOR	09.20.003.2711	HARTING	R94420	ROMI DCM620 5X V3.0	O
-XF752	90.D2	CONNECTOR	09.33.006.2701	HARTING	Q12375	ROMI DCM620 5X V3.0	O
-XF753	89.C8	CONNECTOR	PE 5H	KAP	Q53502	ROMI DCM620 5X V3.0	O
-XF754	90.D5	CONNECTOR	09.70.006.2616	HARTING	R96139	ROMI DCM620 5X V3.0	O
-XF755	90.D9	CONNECTOR	09.20.003.2711	HARTING	R94420	ROMI DCM620 5X V3.0	O
-XF756	90.C9	CONNECTOR	09.20.003.2711	HARTING	R94420	ROMI DCM620 5X V3.0	O
-XF781	97.E5	CONNECTOR	6FX2 003-0CE17-Z	SIEMENS	R81464	ROMI DCM620 5X V3.0	O
-XF782	98.E5	CONNECTOR	6FX2 003-0CE17-Z	SIEMENS	R81464	ROMI DCM620 5X V3.0	O
-XF783	99.E4	CONNECTOR	6FX2 003-0CE17-Z	SIEMENS	R81464	ROMI DCM620 5X V3.0	O
-XF881	75.E2	ETHERNET PLUG	4000-73000-0010000	MURRELEKTRONIK	T94860	ROMI DCM620 5X V3.0	X
-XF901	49.E2	CONNECTOR	6FX2 003 - 0LU10	SIEMENS	R98692	ROMI DCM620 5X V3.0	X
-XF902	50.E2	CONNECTOR	6FX2 003-0CE17-Z	SIEMENS	R81464	ROMI DCM620 5X V3.0	X
-XF911	53.E2	CONNECTOR	6FX2 003 - 0LU10	SIEMENS	R98692	ROMI DCM620 5X V3.0	X
-XF912	54.E3	CONNECTOR	6FX2 003-0CE17-Z	SIEMENS	R81464	ROMI DCM620 5X V3.0	X
-XFA	34.B4	CONNECTOR	5536003025	PHOENIX	S89443	ROMI DCM620 5X V3.0	X
	35.B4	CONNECTOR	5536003025	PHOENIX	S89443	ROMI DCM620 5X V3.0	X
	36.B4	CONNECTOR	5536003025	PHOENIX	S89443	ROMI DCM620 5X V3.0	X
-XFB	26.E3	CONNECTOR	5536003035	PHOENIX	S89459	ROMI DCM620 5X V3.0	X
	65.A4	CONNECTOR	5536003035	PHOENIX	S89459	ROMI DCM620 5X V3.0	X
	88.E13	CONNECTOR	5536003035	PHOENIX	S89459	ROMI DCM620 5X V3.0	X
-XFC	47.A4	CONNECTOR	5536003035	PHOENIX	S89459	ROMI DCM620 5X V3.0	X
	57.E12	CONNECTOR	5536003035	PHOENIX	S89459	ROMI DCM620 5X V3.0	X
	60.E4	CONNECTOR	5536003035	PHOENIX	S89459	ROMI DCM620 5X V3.0	X
-XFD	16.A9	CONNECTOR	5536003039	PHOENIX	S89465	ROMI DCM620 5X V3.0	X
	61.A6	CONNECTOR	5536003039	PHOENIX	S89465	ROMI DCM620 5X V3.0	X

CONFIGURAÇÃO X = STANDARD O = OPCIONAL V = VARIANTE E = ESPECIAL * = FIM DE EFETIVIDADE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: FUNCTION / DESCRIPTION OF PARTS

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	142		ROMI DCM 620-5X V3.0	U14186D

SYMBOL	POSITION SCHEME	FUNCTION / DESCRIPTION OF PARTS	SUPPLIER CODE	SUPPLIER	ROMI CODE	APPLICATION	
						MACHINE	TYPE
-XFD	88.A13	CONNECTOR	5536003039	PHOENIX	S89465	ROMI DCM620 5X V3.0	X
-XFE	26.A10	CONNECTOR	5536003039	PHOENIX	S89465	ROMI DCM620 5X V3.0	X
	51.A3	CONNECTOR	5536003039	PHOENIX	S89465	ROMI DCM620 5X V3.0	X
	63.A6	CONNECTOR	5536003039	PHOENIX	S89465	ROMI DCM620 5X V3.0	X
-XFF	16.D6	CONNECTOR	5536003040	PHOENIX	S89466	ROMI DCM620 5X V3.0	X
	24.D10	CONNECTOR	5536003040	PHOENIX	S89466	ROMI DCM620 5X V3.0	X
	51.D9	CONNECTOR	5536003040	PHOENIX	S89466	ROMI DCM620 5X V3.0	X
	82.D7	CONNECTOR	5536003040	PHOENIX	S89466	ROMI DCM620 5X V3.0	X
-XFG	26.D10	CONNECTOR	5536003042	PHOENIX	S89475	ROMI DCM620 5X V3.0	X
	59.D7	CONNECTOR	5536003042	PHOENIX	S89475	ROMI DCM620 5X V3.0	X
	83.D8	CONNECTOR	5536003042	PHOENIX	S89475	ROMI DCM620 5X V3.0	O
-XFH	44.D7	CONNECTOR	5536003045	PHOENIX	S89478	ROMI DCM620 5X V3.0	X
	70.C5	CONNECTOR	5536003045	PHOENIX	S89478	ROMI DCM620 5X V3.0	X
	88.D7	CONNECTOR	5536003045	PHOENIX	S89478	ROMI DCM620 5X V3.0	O
	90.D11	CONNECTOR	5536003045	PHOENIX	S89478	ROMI DCM620 5X V3.0	O
-XFJ	17.A8	CONNECTOR	5536003036	PHOENIX	S89460	ROMI DCM620 5X V3.0	X
	65.C6	CONNECTOR	5536003036	PHOENIX	S89460	ROMI DCM620 5X V3.0	X
	88.B13	CONNECTOR	5536003036	PHOENIX	S89460	ROMI DCM620 5X V3.0	O
	90.B6	CONNECTOR	5536003036	PHOENIX	S89460	ROMI DCM620 5X V3.0	O
-XFL	24.A2	CONNECTOR	5536003117	PHOENIX	T16604	ROMI DCM620 5X V3.0	X
	69.B12	CONNECTOR	5536003117	PHOENIX	T16604	ROMI DCM620 5X V3.0	X
	91.B10	CONNECTOR	5536003117	PHOENIX	T16604	ROMI DCM620 5X V3.0	O
-XFM	34.D6	CONNECTOR	5-881107-0	TYCO	Q61319	ROMI DCM620 5X V3.0	X
	35.D6	CONNECTOR	5-881107-0	TYCO	Q61319	ROMI DCM620 5X V3.0	X
	36.D6	CONNECTOR	5-881107-0	TYCO	Q61319	ROMI DCM620 5X V3.0	X
	90.E11	CONNECTOR	5-881107-0	TYCO	Q61319	ROMI DCM620 5X V3.0	O
-XFN	38.B6	CONNECTOR	5536003038	PHOENIX	S89464	ROMI DCM620 5X V3.0	X
	55.B7	CONNECTOR	5536003038	PHOENIX	S89464	ROMI DCM620 5X V3.0	O
	73.B11	CONNECTOR	5536003038	PHOENIX	S89464	ROMI DCM620 5X V3.0	X
-XFP	46.B9	CONNECTOR	5536003038	PHOENIX	S89464	ROMI DCM620 5X V3.0	X
	85.A2	CONNECTOR	5536003038	PHOENIX	S89464	ROMI DCM620 5X V3.0	O
	85.A5	CONNECTOR	5536003038	PHOENIX	S89464	ROMI DCM620 5X V3.0	O
-XFQ	60.A4	CONNECTOR	5536003043	PHOENIX	S89476	ROMI DCM620 5X V3.0	X
	87.B12	CONNECTOR	5536003043	PHOENIX	S89476	ROMI DCM620 5X V3.0	O
	93.C9	CONNECTOR	5536003043	PHOENIX	S89476	ROMI DCM620 5X V3.0	X
-XM121	32.E3	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	X
-XM122	32.E5	CONNECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	O
-XM123	33.E3	CONECTOR	99.8200108	A. SCHWEIGER GMBH	S98883	ROMI DCM620 5X V3.0	O
-XM136	31.C10	CONNECTOR	-	PHOENIX	T11585	ROMI DCM620 5X V3.0	X
-XM151	43.E3	CONNECTOR	99.8200109	A. SCHWEIGER GMBH	S98884	ROMI DCM620 5X V3.0	X
-XM173	19.A4	CONNECTOR	205206-1	AMP	R38079	ROMI DCM620 5X V3.0	X

CONFIGURAÇÃO X = STANDARD O = OPCIONAL V = VARIANTE E = ESPECIAL * = FIM DE EFETIVIDADE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: FUNCTION / DESCRIPTION OF PARTS

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	143		ROMI DCM 620-5X V3.0	U14186D

SYMBOL	POSITION SCHEME	FUNCTION / DESCRIPTION OF PARTS	SUPPLIER CODE	SUPPLIER	ROMI CODE	APPLICATION	
						MACHINE	TYPE
-XM191	47.E7	CONNECTOR	99.8200109	A. SCHWEIGER GMBH	S98884	ROMI DCM620 5X V3.0	X
-XM201	48.E4	CONNECTOR	99.8200109	A. SCHWEIGER GMBH	S98884	ROMI DCM620 5X V3.0	X
-XM241	77.D2	CONNECTOR	09.33.006.2601	HARTING	Q12374	ROMI DCM620 5X V3.0	X
-XM251	57.D2	CONNECTOR	09.20.003.2611	HARTING	R94419	ROMI DCM620 5X V3.0	X
-XM252	58.B2	CONNECTOR	09.33.006.2601	HARTING	Q12374	ROMI DCM620 5X V3.0	X
-XM411	86.E2	CONNECTOR	09.20.004.2611	HARTING	S19475	ROMI DCM620 5X V3.0	O
-XM612	87.D2	CONNECTOR	09.20.004.2611	HARTING	S19475	ROMI DCM620 5X V3.0	X
-XM731	88.D2	CONNECTOR	09.20.003.2611	HARTING	R94419	ROMI DCM620 5X V3.0	O
-XM752	90.D2	CONNECTOR	09.33.006.2601	HARTING	Q12374	ROMI DCM620 5X V3.0	O
-XM754	90.D5	CONNECTOR	09.70.006.2813	HARTING	R96134	ROMI DCM620 5X V3.0	O
-XM755	90.D9	CONNECTOR	09.20.003.2611	HARTING	R94419	ROMI DCM620 5X V3.0	O
-XM756	90.B9	CONNECTOR	09.20.003.2611	HARTING	R94419	ROMI DCM620 5X V3.0	O
-XM861	47.E3	CONNECTOR	99.8200109	A. SCHWEIGER GMBH	S98884	ROMI DCM620 5X V3.0	X
-XM881	75.D2	CONNECTOR	0554720-3	AMP	S37377	ROMI DCM620 5X V3.0	X
-XM901	49.E3	CONNECTOR	99.8200109	A. SCHWEIGER GMBH	S98884	ROMI DCM620 5X V3.0	X
-XM911	53.E4	CONNECTOR	99.8200109	A. SCHWEIGER GMBH	S98884	ROMI DCM620 5X V3.0	X
-XM914	89.D2	CONNECTOR	09.20.003.2611	HARTING	R94419	ROMI DCM620 5X V3.0	O
-XT11	41.B4	TERMINAL BLOCK	-	CONEXEL	R79316	ROMI DCM620 5X V3.0	X
-XT21	11.C1	TERMINAL BLOCK	284-681	WAGO	S88770	ROMI DCM620 5X V3.0	X
-XT31	12.C10	TERMINAL BLOCK	280633	WAGO	R60631	ROMI DCM620 5X V3.0	X
-XT41	14.C2	TERMINAL BLOCK	280633	WAGO	R60631	ROMI DCM620 5X V3.0	X
-XT42	15.C2	TERMINAL BLOCK	280633	WAGO	R60631	ROMI DCM620 5X V3.0	X
-XT61	19.D2	TERMINAL BLOCK	280633	WAGO	R60631	ROMI DCM620 5X V3.0	X
-XT81	24.B3	TERMINAL BLOCK	280633	WAGO	R60631	ROMI DCM620 5X V3.0	X
-XT131	17.E8	TERMINAL BLOCK	280633	WAGO	R60631	ROMI DCM620 5X V3.0	X
-XT391	62.D3	TERMINAL BLOCK	C904337.0173	CONEXEL	S42865	ROMI DCM620 5X V3.0	X
-XT393	21.C2	TERMINAL BLOCK	280633	WAGO	R60631	ROMI DCM620 5X V3.0	X
-XT491	63.D10	TERMINAL BLOCK	280633	WAGO	R60631	ROMI DCM620 5X V3.0	X
-Y111	93.D9	OPEN DOOR SOLENOID SUPERIOR	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	O
-Y112	93.D11	CLOSE DOOR SOLENOID SUPERIOR	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	O
-Y151	46.D6	TOOL UNLOCK SOLENOID	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-Y152	46.D9	TOOL CLEANING SOLENOID	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-Y231	60.D6	SOLENOID BY-PASS	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-Y232	60.D9	SOLENOID PRESSURIZAÇÃO	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-Y691	73.D7	TOOL POCKET FORWARD SOLENOID	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-Y692	73.D9	TOOL POCKET BACKWARD SOLENOID	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-Y693	73.D11	OPEN ATC DOOR SOLENOID	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-Y694	73.D12	CLOSE ATC DOOR SOLENOID	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-Y901	52.D8	UNLOCK B AXIS SADDLE SOLENOID	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-Y902	52.D4	B AXIS SADDLE LOCK SOLENOID	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-Y911	55.D12	TABLE UNLOCK SOLENOID C AXIS	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X

CONFIGURAÇÃO X = STANDARD O = OPCIONAL V = VARIANTE E = ESPECIAL * = FIM DE EFETIVIDADE

REL.	MODIFICATION	MODIF.	APROV.	DATE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: FUNCTION / DESCRIPTION OF PARTS

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	144		ROMI DCM 620-5X V3.0	U14186D

SYMBOL	POSITION SCHEME	FUNCTION / DESCRIPTION OF PARTS	SUPPLIER CODE	SUPPLIER	ROMI CODE	APPLICATION	
						MACHINE	TYPE
-Y912	55.D7	TABLE LOCK SOLENOID - C AXIS	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	X
-Y1061	92.D4	PNEUMATIC CLEANING SOLENOID	-	SEE MECHANICAL PARTS LIST	-	ROMI DCM620 5X V3.0	O
-Z11	10.C3	LINE FILTER	ME10539	MURRELEKTRONIK BR IND COM LTDA	J06621	ROMI DCM620 5X V3.0	X
	10.C10	LINE FILTER	ME10539	MURRELEKTRONIK BR IND COM LTDA	J06621	ROMI DCM620 5X V3.0	X
-Z141	42.D12	SPARK KILLER	LA4-DA2U	SCHNEIDER	S05057	ROMI DCM620 5X V3.0	X
-Z142	42.D9	SPARK KILLER	P70D	OMRON	S29526	ROMI DCM620 5X V3.0	X
-Z231	59.E3	SPARK KILLER	ME 23050	MURRELEKTRONIK	R70891	ROMI DCM620 5X V3.0	X
-Z241	77.E3	SPARK KILLER	ME 23050	MURRELEKTRONIK	R70891	ROMI DCM620 5X V3.0	X
-Z251	57.E3	SPARK KILLER	ME 23050	MURRELEKTRONIK	R70891	ROMI DCM620 5X V3.0	X
-Z611	87.E3	SPARK KILLER	ME 23050	MURRELEKTRONIK	R70891	ROMI DCM620 5X V3.0	X
-Z691	67.D3	SPARK KILLER	ME 23050	MURRELEKTRONIK	R70891	ROMI DCM620 5X V3.0	X
-Z731	88.E3	SPARK KILLER	ME 23050	MURRELEKTRONIK	R70891	ROMI DCM620 5X V3.0	O
-Z751	89.E3	SPARK KILLER	ME 23050	MURRELEKTRONIK	R70891	ROMI DCM 620-5X V3.0 - 7 BAR	O
-Z752	90.E9	SPARK KILLER	ME 23050	MURRELEKTRONIK	R70891	ROMI DCM620 5X V3.0	O

CONFIGURAÇÃO X = STANDARD O = OPCIONAL V = VARIANTE E = ESPECIAL * = FIM DE EFETIVIDADE

REL.	MODIFICATION	MODIF.	APROV.	DATE
D	REVISION: TABLE I/O PG. 117	DANILO	VILALTA	14/03/16
C	added identifications buttons pg.103,104	DANILO	VILALTA	29/01/16
B	REVISION AFTER PROTOTYPE	ANDREW	VILALTA	23/11/15

DESCRIPTION: FUNCTION / DESCRIPTION OF PARTS

ROMI®

DESIGNED	FERNANDO	11/09/2013	PROJECTION
DRAWER	ANDREW	11/09/2013	SIZE A3
CONTROLLED	VILALTA	11/09/2013	

REFERENCE	SHEET	SCALE	APPLICATION	Nº
ROMI DCM	145		ROMI DCM 620-5X V3.0	U14186D